Online Library Productivity Edition

System Center Publications S/390 "Rainbow" Collection

September 1994

SK2T-2177-01

Note!

Before using this information and the products it supports, be sure to read the general information under "Notices" on page ix.

Second Edition (September 1994)

This edition applies to the *IBM Online Library Productivity Edition: System Center Publication S/390 "Rainbow Books" Collection* September 1994, SK2T-2177-01.

This edition replaces and makes obsolete the previous edition, SK2T-2177-00.

Requests for IBM publications and additional copies of this collection should be made through your IBM representative, the IBM branch office serving your locality, or IBMLink*.

A brief user's survey and comments form is attached inside the back cover of this booklet. After you have used this collection, please take a few minutes and fill it in. You can drop it in the U.S. Mail; the postage has already been paid by IBM. If the form has been removed, or if you have problems installing or using the IBM Online Library, or accessing the books, refer to Do You Have Questions, Problems, or Suggestions? inside the back cover of this booklet for information on how to contact IBM.

IBM may use or distribute whatever information you supply in any way it believes appropriate without incurring any obligation to you.

© Copyright International Business Machines Corporation 1994. All rights reserved.
Note to U.S. Government Users — Documentation related to restricted rights — Use, duplication or disclosure is subject to restrictions set forth in GSA ADP Schedule Contract with IBM Corp.

Contents

Notices ix
Terms and Conditions for Using Licensed Materials ix
Terms and Conditions for Using System Center Publications x
Trademarks xi

What's New in This Collection xiii

Chapter 1. Getting Started with This Collection 1
If You Are New to an IBM Online Library 1
If You Are Already Using an IBM Online Library 1

Chapter 2. Catalog for the System Center Publication S/390 "Rainbow Books" Collection 3
List of Books in This Collection - Arranged by Order Number 5
Comprehensive Bookshelves in This Collection 18
All-System Center Publication S/390 "Rainbow Books" Collection Bookshelf 18
Bookshelves Arranged by ITSO Bibliography Categories 19
AIX/ESA "Red Books" Online Library 19
Application Development Maintenance and Test "Red Books" Online Library 20
Application Development Platform "Red Books" Online Library 21
Application Generators "Red Books" Online Library 22
Artificial Intelligence and Knowledge Based System "Red Books" Online Library 23
CICS "Red Books" Online Library 24
Data Delivery and Information Warehouse "Red Books" Online Library 25
DB2 "Red Books" Online Library 26
Distributed Applications "Red Books" Online Library 27
Distributed Data Base "Red Books" Online Library 28
High Level Languages "Red Books" Online Library 29

© Copyright IBM Corp. 1994

Host Systems Management "Red Books" Online Library . . . 30
IMS "Red Books" Online Library . . . 31
Large Systems Hardware "Red Books" Online Library . . . 32
MVS/ESA Open and Client Server "Red Books" Online Library . . . 33
MVS/ESA Systems Products "Red Books" Online Library . . . 34
Office Systems - MVS Systems "Red Books" Online Library . . . 36
Office Systems - VM Systems "Red Books" Online Library . . . 37
Online Bibliography of ITSO Technical Bulletins . . . 38
Printing "Red Books" Online Library . . . 39
Storage Hardware - Magnetic DASD "Red Books" Online Library . . . 40
Storage Hardware - Optical DASD "Red Books" Online Library . . . 41
Storage Hardware - Tape "Red Books" Online Library . . . 42
Storage Software - DFSMS/MVS "Red Books" Online Library . . . 43
Storage Software - DFSMS/VM "Red Books" Online Library . . . 45
Storage Software - Distributed Storage Management "Red Books" Online Library . . . 46
VM Systems "Red Books" Online Library . . . 47
VM/VSE - CSP "Red Books" Online Library . . . 49
VM/VSE - SQL "Red Books" Online Library . . . 50
VSE "Red Books" Online Library . . . 51
Washington Systems Center Online Technical Bulletins . . . 53
Other Bookshelves in This Collection . . . 56
Booklet for S/390 "Rainbow Books" Collection Online . . . 56
IBM Online Library Reference Bookshelf . . . 57
Other Items in This Collection . . . 58
Online Message Facility for OS/2 . . . 60
BookManager Online Books Demonstration . . . 61
What Kind of Workstation Do You Need to Run This Demonstration . . . 61
How to Start The Demonstration . . . 62
BookManager Tutorial . . . 64
Directories Containing the Files in This Collection . . . 65

Chapter 3. What Is the IBM Online Library? 67
What's in the IBM Online Library? 69
The Editions and Their Collections 69
The Relationship between the Collections 72
What's in a Collection? 72
The Bookshelves and Books 72
The Library Readers 72
The Librarian 73
What Else Is in the Collections? 73
How the Collections Are Kept Up to Date 74
How You Can Use the IBM Online Library 74
Can the IBM Online Library Save You Money? 75
What Should You Do Next? 77
How Collections in the IBM Online Library Are Made Available 78
How You Can Order Collections in the IBM Online Library 80

Chapter 4. Setting Up or Updating the IBM Online Library on Your Workstation . . . 83
What Kind of Workstation Do You Need? 84
Software and Hardware Requirements for OS/2 84
Software and Hardware Requirements for DOS 85
Installing the Library Readers, Adding Devices, or Updating BookManager on OS/2 86
Installing BookManager Library Reader/2 86
Installing the IBM Online Message Facility for OS/2 89
Copying MPT Files to Your Hard Disk for OS/2 90
Shutting Down and Restarting Your OS/2 Workstation 91
Installing the Library Readers, Adding Devices, or Updating BookManager on DOS 93
Installing BookManager Library Reader/DOS 93
Shutting Down and Restarting Your DOS Workstation 95

Chapter 5. Opening and Listing the Contents of the IBM Online Library 97
Opening the Library with BookManager Library Reader/2 97

Opening the Library with BookManager Library Reader/DOS 99

Chapter 6. Learning to Use BookManager Library Readers or BookManager READ . 101
Using the List of Bookshelves 103
Sorting the Bookshelf List 103
Locating a Bookshelf That Contains the Books You Want 103
Opening a Bookshelf and Listing the Books in It 104
Closing the IBM Online Library 104
Using the List of Books 105
Sorting the List of Books 105
Searching All the Books in a Bookshelf without Opening Them 105
Searching a Book for a Word or Phrase without Opening It 107
Opening a Book 108
Closing the List of Books 109
Using a Book 110
Reading a Book by Paging through It 110
Using the Table of Contents 110
Searching In a Book for a Word or Phrase 111
Looking at Pictures 112
Using Cross-References 113
Using the Index 114
Printing Topics 115
Closing a Book 116
Using Other BookManager Library Reader and BookManager READ Capabilities 117
Using the IBM BookManager READ/DOS Tutorial 118

Chapter 7. Customizing the IBM Online Library on Your Workstation 119
Configuring Your Workstation to Use Your Hard Disk 120
Creating a Personal Bookshelf 122
Creating a Personal Bookshelf on Your Host 123
Creating a Personal Bookshelf on an OS/2 Workstation 124

Creating a Personal Bookshelf on a DOS Workstation 127
Using Your Hard Disk to Supplement Your CD-ROM Drive 128
Receiving Books and Bookshelves Using the SCRT 129
Copying Books and Bookshelves with the COPY Command 131

Chapter 8. Sharing, Uploading, and Managing the IBM Online Library on a Host or LAN 133
Estimating Host DASD Storage Requirements 133
Estimating Hard Disk Space Requirements 134
Disc Size Summary 134

Do You Have Questions, Problems, or Suggestions? 135

Notices

References in this booklet and in the libraries contained in this collection to IBM products, programs, or services do not imply that IBM intends to make these available in all countries in which IBM operates.

Any reference to an IBM product, program, or service is not intended to state or imply that only that IBM product, program or service may be used. Any functionally equivalent product, program, or service that does not infringe any of IBM's intellectual property may be used instead. Evaluation and verification of operation in conjunction with other products, except those expressly designated by IBM, are the responsibility of the user.

IBM may have patents or pending patent applications covering subject matter in this booklet. The furnishing of this booklet and of the information contained on these CD-ROMs does not give you any license to these patents. You can send license inquiries, in writing, to the IBM Director of Licensing, IBM Corporation, 208 Harbor Drive, Stamford, CT 06904-2501, U.S.A.

Terms and Conditions for Using Licensed Materials

The following files contain the license agreements and the terms and conditions for using and copying the books and programs on this CD-ROM. They are in ASCII format and can be displayed or printed from your personal computer.

Filename	**Terms and Conditions for Using the:**
BOOKENG.AGR	Online book files
PLALRENG.AGR	IBM BookManager Library Reader programs
SCRTENG.AGR	IBM Softcopy Receiver Tool programs

Note: The following examples assume that your CD-ROM drive is `d`. If it is not, replace the `d` in the examples with the drive letter you are using.

© Copyright IBM Corp. 1994

To display or print these files, insert the CD-ROM into your CD-ROM drive and use the following TYPE or PRINT command.

```
type d:\filename.agr | more
print d:\filename.agr
```

By using or copying the books and programs on this CD-ROM, you agree to the terms and conditions and the license agreement. If you do not agree, return this CD-ROM to IBM.

Terms and Conditions for Using System Center Publications

This collection contains IBM system center publications: International Technical Support Organization (ITSO) Technical Bulletins (red books) and Washington Systems Center (WSC) Technical Bulletins (orange and yellow books). Collectively, they are known as "rainbow" books. These publications have order numbers beginning with the letters "GG" or "SG."

The publications in this collection are intended to help you use the products mentioned in them. The information in these publications is not considered to be product documentation and is not intended as the specification of any programming interface or product capability. The information in these publications was developed in conjunction with the use of the equipment specified and is limited to those specific hardware and software levels. The information in these publications has not been subjected to any formal test and is distributed AS IS. The use of this information and the implementation of the products mentioned is your responsibility and depends on your ability to evaluate and integrate them into your operational environment. While each item may have been reviewed by IBM for accuracy in a specific situation, there is no guarantee that the same or similar results may be obtained elsewhere. If you attempt to adapt the information in these publications to your own environment, you do so at your own risk. Information about non-IBM ("vendor") products in these publications has been supplied by the vendor, and IBM assumes no responsibility for its accuracy or completeness.

These publications may contain examples and illustrations of data used in typical business operations. The names used in these examples and illustrations are purely fictitious, and any

similarity between these names and real persons, products, companies, or organizations is entirely coincidental and unintended.

Trademarks

The following terms, denoted by an asterisk (*), when used in this booklet, are trademarks marks of the IBM Corporation in the United States or other countries or both:

BookManager	IBM
IBMLink	Library reader
Optical Media Attach/2	OS/2
Personal System/2	Proprinter
PS/ValuePoint	PS/1
PS/2	S/370
S/390	SAA

The following terms, denoted by a double asterisk (**), when used in this booklet, are trademarks marks of other companies.

Microsoft	Microsoft Corporation
Windows	Microsoft Corporation

What's New in This Collection

This section summarizes the books that have been added, updated, replaced, or removed since the previous edition, SK2T-2177-00. You may want to refer to Chapter 2 for the specific changes that have been made.

New

The following items have been added to this collection for the first time.

System Center Books Added	Filename
GBOF2201: VM Systems	
VM/ESA Performance Tools, GG24-4152-00	GG244152
GBOF5200: Large Systems Hardware	
A Technical Guide to ESA/390 Compression, GG24-4130-00	GG244130
Enhanced Exploit of RACF 1.9.2 Secured Signon, GG24-4184-00	GG244184
GBOF5201: MVS/ESA Systems Products	
Print and View Data Streams, GG24-3938-00	GG243938
MVS/ESA JES2 Exit Coding, GG24-4127-00	GG244127
Using Resource Measurement Facility Monitor III, GG24-4131-00	GG244131
GBOF5204: Host Systems Management	
RACF Macros and Exit Coding, GG24-3984-00	GG243984
Library for System Solution: Office Reference, GG24-4112-00	GG244112
Lib for Sys Sol: Managed System/390, GG24-4114-00	GG244114
Lib for Sys Sol: Intro to Managing Open Systems, GG24-4113-00	GG244113

© Copyright IBM Corp. 1994

System Center Books Added	Filename
GBOF6307: Storage Hardware - Tape	
DFSMS/MVS V1R2 Storage Management Enhancements, GG24-4404-00	GG244404
GBOF6309: Storage Software - DFSMS/MVS	
DFSMS/MVS Version 1 Release 2 Compression, GG24-4056-00	GG244056
DFSMS/MVS V1R2 S/390 Parallel Sysplex Support, GG24-4400-00	GG244400
DFSMS/MVS V1R2 Support for OpenEdition MVS, GG24-4401-00	GG244401
IBM 3495 Tape Library Dataserver Model 10, GG24-4402-00	GG244402
DFSMS/MVS V1R2 Distributed File Manager MVS, GG24-4403-00	GG244403
GBOF6312: VSE	
VSE/ESA V1R3 Using 31-Bit Addressing Facility, GG24-4191-00	GG244191
REXX/VSE Version 1 Release 1: Getting Started, GG24-4192-00	GG244192
TCP/IP Solutions for VSE/ESA Implementation Guide, GG24-4195-00	GG244195
VSE/ESA and VM/VSE Client Server Computing, GG24-4197-00	GG244197
Results of a VSE/ESA 1.3 Tuning Residency, GG24-4258-00	GG244250
VM/VSE Performance Hints & Tips, GG24-4260-00	GG244268
GBOF6314: VM/VSE - SQL	
QMF VSE/ESA Version 3 Release 1.1 Setup & Usage, GG24-4196-00	GG244196
SQL/DS Version 3 Release 4 VMDSS Exploitations, GG24-4198-00	GG244198
GBOF6321: Application Development Platform	
MVS COBOL Cross-Development Using AIX CASE, GG24-4135-00	GG244135
GBOF6326: Artificial Intelligence and Knowledge Based Systems	

System Center Books Added	Filename
SystemView AutoOps Expert/MVS IMS Outage Avoidance, GG24-3957-00	GG243957
GBOF6328: CICS	
CICS/VSE Version 2 Release 2: Application Port, GG24-4194-00	GG244194
GBOF6329: IMS	
IMS/ESA 4.1 Migration Guide, GG24-4150-00	GG244150
GBOF6332: Distributed Data Base	
Library for Systems Solutions Data Reference, GG24-4103-00	GG244103
DRDA Client/Server Application Scenarios for VM, GG24-4193-00	GG244193
GBOF6334: MVS/ESA Open and Client/Server	
Selected Ex of Distributed Appl. Procesing MQSeries, GG24-4167-00	GG244167
MVS/ESA OpenEdition DCE Presentation Guide Vol I, GG24-4240-00	GG244240
EZ2RBW00: Washington Systems Center	
A Technical Overview VTAM V4R1, V3R4.2; NCP V6R2, GG66-3248-00	GG663248
A Tech Overview: VTAM V3R4, V3R4.1; NCP V5R3.1, V5R4, SG22-1050-00	SG221050

Updated

The following items that appeared in the previous edition have been updated because of a version or release change. The updated items have been added to this collection. The previous versions or releases of these items are still current and remain in this collection.

System Center Books Updated	Filename
None	N/A

Replaced

The following items that appeared in the previous edition have been revised because of technical or service changes or enhancements. The previous levels of these items are no longer current and have been removed from this collection. They have been replaced by the revised items.

System Center Books Replaced	Old Filename	New Filename
GBOF5200: Large Systems Hardware		
ESCM Operations Presentation, GG24-3720-01	GG243720	GG243720
EZ2RBW00: Washington Systems Center		
Options for Tuning RACF, GG22-9396-04	GG229396	GG229396
JES2 3.1.3 Migration Considerations, GG66-3151-01	GG663151	GG663151
ES/9000 NIC Performance, GG66-3247-00	GG663247	GG663247

Removed

The following items that appeared in the previous edition are no longer current and have been removed from this collection.

System Center Books Removed	Old Filename
GBOF6311: Storage Software - Distributed Storage Management	
DFDSM, GG24-3913-00 (replaced by GG24-4146-00)	GG243913
GBOF6328: CICS	

System Center Books Removed	Old Filename
Planning for Continuous Availability, GG24-1591-00	GG241591
EZ2RBW00: Washington Systems Center	
3390 and DFSMS, GG66-3155-00	GG663155
Service Information Messages, GG66-3189-00	GG663189

Chapter 1. Getting Started with This Collection

This is the *IBM Online Library Productivity Edition: System Center Publication S/390 "Rainbow Books" Collection,* September 1994, SK2T-2177-01. It contains all the International Technical Support Organization (ITSO) "red" books and Washington System Center (WSC) "orange" and "yellow" books that apply to the S/390 hardware and software environment. It does not contain system center publications for S/390 networking products, which are available in a separate collection. Using this collection, you can put a large number of IBM books online and access them without handling individual sets of books and libraries on many CD-ROMs and tapes.

This is an IBM Online Library collection. The books in this collection are formatted for display using BookManager BUILD. They can be viewed with the BookManager READ/2, READ/DOS, READ/MVS, READ/VM, and READ/6000 licensed programs and with the BookManager Library Reader/2 or Library Reader/DOS. This booklet will help you set up, use, and customize the collection on your OS/2 or DOS workstation using this collection and the Library Readers in it as a starting point. If you have already set up an IBM Online Library on your workstation or host, you can use the books in this collection with your library as you would use the books in any collection that is part of the IBM Online Library. For information on using this collection with BookManager READ/MVS, BookManager READ/VM, or BookManager READ/6000, see *IBM Online Library: Getting Started and Managing the Library,* GC23-0545 (refer to the IBM Online Library Reference Bookshelf).

If You Are New to an IBM Online Library

If you want to set up and use an IBM Online Library on your workstation, you should do the following:

If You Are Already Using an IBM Online Library

If you already have an IBM Online Library set up and know how to use it, you may want to do the following:

© Copyright IBM Corp. 1994

New User:

1. Learn about the IBM Online Library. See page 67.
2. Look at the catalog for a detailed list of the contents of this collection. See page 3.
3. Set up the library on your workstation. See page 83.
4. Open the library and list the contents of this collection See page 97.
5. Learn to use the Library Readers. See page 101.

Then, you may want to:

- Customize the library on your workstation. See page 119.
- Share the library with others. See page 133.
- Expand the library with additional collections. See the file CKITLIST.TXT in the root directory of this CD-ROM for a list of the other collections that are available and the product libraries they contain.

Current User:

1. Discover what is new or changed in this collection since the last time it was released. See page xiii.
2. Look at the catalog for a detailed list of the contents of this collection. See page 3.
3. Rerun the IBM BookManager Library Reader Installation Program to ensure that you have the latest library reader on your workstation. The installation program will tell you if you don't. See page 83.
4. If you have centralized your online library, move the new or changed books you want from this collection to your LAN server or host. See page 133.

Chapter 2. Catalog for the System Center Publication S/390 "Rainbow Books" Collection

This is the catalog for the System Center Publication S/390 "Rainbow Books" Collection.

This catalog contains:

Book Lists

- All books arranged numerically by order number

Each book list contains the following information:

- The order number of the printed version of each book
- The title of each book
- The file name of each book

Bookshelf Lists

- Comprehensive bookshelves
  An all-collection bookshelf
- Bookshelves arranged by subject (*in the ITSO Bibliography*)
- Other bookshelves
  S/390 Rainbow Collection Booklet (this booklet)
- The Online Library Reference Bookshelf

Each bookshelf list contains the following information:

- The full name of the bookshelf
- The program number (if the bookshelf contains a product library)
- A letter code that identifies changes in the bookshelf
- The titles of the books
- The file names of books, bookshelf, and bookshelf search index
- The sizes of the books, bookshelf, and bookshelf search index
- The total size of the bookshelf

Other Items

© Copyright IBM Corp. 1994

- BookManager DOS Tutorial
- BookManager Multimedia Demonstration

Notes:

1. Sizes are given in megabytes, rounded to the nearest hundredth (1MB = 1 000 000 bytes).
2. The letter codes in the first column of the tables identify the books that are:

   N New–this book is available online for the first time
   T Technical change–this book has new or changed information about the product
   S Service change–this book has new or changed information that is not the result of changes to the product; for example, changes in response to a reader's comment
   E Enhancement–the online version of this book has been changed to make it display better or to take advantage of a BookManager feature

   For a complete description of technical and service changes, see the "Summary of Amendments" in the indicated books.
3. IBM system center books, bookshelves, and bookshelf search indexes are named according to the following pattern:

   ppppoooo

   Where:

   pppp is the four-character prefix of the order number for the printed book. This prefix begins with the letters "GG" or "SG."

   oooo is the four-digit order number of the book.

   Unlike product books, whose filenames change when the they are updated, these filenames are always the same for the books to which they are assigned.
4. All books in this collection appear in U.S. English.

List of Books in This Collection - Arranged by Order Number

Order No.	Title	Filename
GG22-9339-01	NJE with JES2 and Other Systems	GG229339
GG22-9396-04	Tutorial: Options for Tuning RACF	GG229396
GG24-1725-02	DFHSM Implementation Primer	GG241725
GG24-3070-10	Bibliography of International Technical Support Org Technical Bulletins	GG243070
GG24-3120-01	RACF Starter System for MVS	GG243120
GG24-3201-01	System-Managed Storage Technical Overview Presentation Guide	GG243201
GG24-3224-00	CICS MRO Tuning and Performance Guide	GG243224
GG24-3403-01	DFSMS Implementation Primer Series: Writing ACS Routines	GG243403
GG24-3481-02	MVS Software Management Cookbook	GG243481
GG24-3525-00	Enterprisewide DFSMS Guidelines for Workstations	GG243525
GG24-3529-00	ITSC Printing Library Printing PostScript Language	GG243529
GG24-3530-00	ITSC Printing Library - Document Transforms Cookbook	GG243530
GG24-3538-01	SCLM WSP/2 Usage Guide	GG243538
GG24-3571-00	Extended Count Key Data and Nonsynchronous DASD I/O	GG243571
GG24-3582-00	CICS OS/2 Cooperative Processing Application Design Guide	GG243582
GG24-3585-01	MVS/ESA & RACF Version 1 Release 9 Security Implementation Guide	GG243585
GG24-3594-01	MVS/ESA SP Version 4 Technical Presentation Guide	GG243594

Order No.	Title	Filename
GG24-3597-00	Partitioned Data Set Extended (PDSE) Usage Guide	GG243597
GG24-3628-03	MVS/ESA Version 4 Implementation Guide	GG243628
GG24-3644-00	An Introduction to the CSP/AD PWS Feature	GG243644
GG24-3663-01	ES/9000 Models 120, 130, 150, 170 & 200 SE Gde	GG243663
GG24-3679-00	Remote Op of VM/ESA & MVS/ESA Guests using Target System Control Facility	GG243679
GG24-3694-00	Workstation Data Save Facility/VM Version 1 DOS & OS/2 Clients Implementa Exp	GG243694
GG24-3698-00	MVS/ESA and Data in Memory Performance Studies	GG243698
GG24-3706-00	Monitoring the Usage of SQL/DS Queries Under QMF	GG243706
GG24-3709-01	CMS Shared File System Primer	GG243709
GG24-3712-00	Single-Logon and Secondary Authentication with NV/AS 1.3 and RACF	GG243712
GG24-3715-00	DB2 Remote Unit of Work Volume 1	GG243715
GG24-3716-00	DRDB RUW Implementatio DB2-DB2 & DB2-SQL/DS Volume 2	GG243716
GG24-3720-01	Enterprise Systems Connection Manager Operations Presentation	GG243720
GG24-3721-00	ESCON Error Recovery Concepts and Procedures in an MVS Environment	GG243721
GG24-3727-00	Client/Server with DRDA	GG243727
GG24-3728-00	Client/Server Computing with Transaction Processors	GG243728
GG24-3733-01	Setup and Usage of SQL/DS in a DRDA Environment	GG243733
GG24-3739-00	DFSMS/VM Function Level 220 Presentation Guide	GG243739
GG24-3744-00	VM/ESA R1.1 Overview & Usage Experiences	GG243744

Order No.	Title	Filename
GG24-3750-00	AIX Version 3.1 Additional Authorization: An Example	GG243750
GG24-3751-00	VSE/ESA 1.2.0 VSE/POWER 5.1 Networking Functions	GG243751
GG24-3755-00	Distributed Relational Database Planning and Design Guide for DB2 Users	GG243755
GG24-3757-00	CSP/370 AD V4.1 Application Generators	GG243757
GG24-3760-00	Client/Server Computing with AD/Cycle Generators	GG243760
GG24-3764-00	IBM 3995 & Object Access Method Systems Guide	GG243764
GG24-3767-00	Distributed Function Design Considerations	GG243767
GG24-3768-00	OS/2 & CICS/ESA CPI Communications Examples	GG243768
GG24-3769-00	Data Integrity in a Cooperative Processing Environment	GG243769
GG24-3770-00	VM/ESA 1.1 Migration Management	GG243770
GG24-3771-00	OS/2 DRDA Clients and DB2	GG243771
GG24-3776-00	AD/Cycle - Integrated Reasoning Shell (TIRS) V1.2 MVS Subsystem Install Notes	GG243776
GG24-3779-00	EDA/SQL in an Information Warehouse: Early Installation Experiences	GG243779
GG24-3791-00	VSE/ESA DOS/VS COBOL to VS COBOL II Migration Considerations	GG243791
GG24-3792-00	Guidance for VM/VSE ESA Environments	GG243792
GG24-3796-00	Info/Management V5 Install & Perf Characteristics for MVS/ESA	GG243796
GG24-3802-00	ICRF and ICSF/MVS Release 1 Implementation Guide	GG243802
GG24-3803-00	IBM 3990 Storage Control ESCON Features Presentation Guide	GG243803

Order No.	Title	Filename
GG24-3805-00	CICS Transaction Design: Pseudo-Conversational or Conversational	GG243805
GG24-3809-00	Cross Platform Services for OfficeVision From an OfficeVision/MVS Perspective	GG243809
GG24-3810-00	GDS EAB Overview and Comparison	GG243810
GG24-3818-00	APPC Programming Considerations in MVS/ESA and OS/2	GG243818
GG24-3819-00	APPC Application Examples in MVS/ESA and OS/2	GG243819
GG24-3823-00	DB2 V2.3 Nondistributed Performance Topics	GG243823
GG24-3825-00	Integrating IMS Applications with AD/Cycle-TIRS/MVS Subsystem	GG243825
GG24-3827-00	AD/Cycle Test Tools: WITT and SATT	GG243827
GG24-3829-00	High Availability and Automation Management Using OPC/ESA	GG243829
GG24-3830-00	Printing in VM Office Environment: An End User's Guide	GG243830
GG24-3833-00	AD/Cycle: SCLM 3.4 New Functions Usage Guide	GG243833
GG24-3847-00	Controlling Multiple VSE Systems under VM/ESA	GG243847
GG24-3848-00	MVS/ESA SP V4 R3 & RACF V1 R9.2 APPC/MVS Guide	GG243848
GG24-3849-00	AIX/ESA Overview	GG243849
GG24-3851-01	VMSES/E Primer: Concepts and Experiences	GG243851
GG24-3853-00	AIX/ESA Functional Overview Presentation	GG243853
GG24-3854-00	Automation and Console Functions in a Sysplex Environment	GG243854
GG24-3855-00	Client-Server with CICS & GUI	GG243855
GG24-3857-00	A CICS/VSE Performance and Tuning Supplement	GG243857
GG24-3860-00	VM/ESA Release 2 Overview	GG243860

Order No.	Title	Filename
GG24-3861-00	DFSMShsm Enhancements	GG243861
GG24-3863-00	APPC/MVS Server Facilities Presentation Guide	GG243863
GG24-3867-00	MVS/ESA POSIX Standards Technical Presentation Guide	GG243867
GG24-3869-00	Information Warehouse Implementation Overview	GG243869
GG24-3872-00	Cooperative Development of HLL Applications Using CODE/370 and LE/370	GG243872
GG24-3874-00	RMF V4 Support for MVS/ESA Functions	GG243874
GG24-3879-00	Elements of Security: MVS/RACF Tips	GG243879
GG24-3882-00	Getting Started with AIX/ESA	GG243882
GG24-3883-00	CICS/VSE 2.1 MRO Function Shipping	GG243883
GG24-3886-00	IBM Storage Subsystem Enhancements	GG243886
GG24-3895-00	MVS/ESA & CICS/ESA: APPC Prog & Definitions	GG243895
GG24-3897-01	IBM Current-OV/VM Workgroup 5621-416 Implementation Guide	GG243897
GG24-3898-00	RMF Version 4 Rel 3.0 Technical Overview	GG243898
GG24-3899-00	Client/Server Computing: Design & Coding of a Business Application	GG243899
GG24-3900-00	AD/Cycle Documentation Tool PrDM Early Experiences	GG243900
GG24-3901-00	Developing & Integrating a TIRS Knowledge Application with AD/Cycle Products	GG243901
GG24-3906-00	IBM 3495 Tape Library Dataserver Presentation Guide	GG243906
GG24-3909-00	IBM Storage Products Announcement: May 1992	GG243909
GG24-3910-00	High Level Assembler for MVS, VM & VSE Presentation Guide	GG243910
GG24-3914-00	DFSMSrmm Presentation Guide	GG243914

Order No.	Title	Filename
GG24-3920-01	ES/9000 Multi-Image Processing Volume 1: Presentation & Solutions Guidelines	GG243920
GG24-3921-01	ES/9000 Multi-Image Processing Volume 2: Foil Masters	GG243921
GG24-3923-00	AD/Cycle Library Integration: SCLM V3.4 and CSP/370AD V4.1	GG243923
GG24-3925-00	MVS/ESA Sysplex Migration Guide	GG243925
GG24-3926-00	DDCS/2 & DB2 V2.3 Distributed Performance: Early Experience	GG243926
GG24-3931-00	MVS/ESA Client/Server Presentation Guide	GG243931
GG24-3932-00	VM/ESA Release 2 Usage and Experience	GG243932
GG24-3933-00	VMSES/E Release 2 Overview	GG243933
GG24-3934-00	VM/ESA Storage Management with Tuning Guidelines	GG243934
GG24-3935-00	ES/9000 M120, 130, 150, 170 & 200 Install/Implement Cookbook	GG243935
GG24-3936-00	Concurrent Copy Overview	GG243936
GG24-3938-00	Print and View Data Streams	GG243938
GG24-3939-00	Security in a CICS OS/2 - CICS/ESA LU6.2 Environment	GG243939
GG24-3940-00	Migration from PROFS or OV/VM to OV/MVS	GG243940
GG24-3943-00	Performance Data: CSP/370AD V4.1, CSP/370RS V2.1, CSP/2AD V1.1, &CSP/2RS V1.1	GG243943
GG24-3950-00	Client/Server Computing with VM/ESA as Part of the Open Enterprise	GG243950
GG24-3952-00	DataHub Presentation Guide	GG243952
GG24-3954-00	Tape Implementation Strategies	GG243954

Order No.	Title	Filename
GG24-3957-00	SystemView AOEXPERT/MVS Installation & Implementation of IMS Outage Avoidance	GG243957
GG24-3960-00	APPC Security: MVS/ESA, CICS/ESA, and OS/2	GG243960
GG24-3962-00	QMF V3R1M1 Remote Unit of Work Implementation and Use	GG243962
GG24-3965-00	DFSMSVM and ISMF: A Primer	GG243965
GG24-3966-00	DFSMS/VM Function Level 220 Installation and Implementation	GG243966
GG24-3969-00	Database Considerations in a CICS/VSE XRF Environment	GG243969
GG24-3970-00	Elements of Security: RACF Overview - Student Notes	GG243970
GG24-3971-00	Elements of Security: RACF Installaton - Student Notes	GG243971
GG24-3972-00	Elements of Security: RACF Advanced Topics - Student Notes	GG243972
GG24-3973-00	PSF/2 V1.10 DPF Implementation and Migration Guide	GG243973
GG24-3979-00	COBOL Code Reengineering	GG243979
GG24-3980-00	IMS/ESA Version 4 Extended Terminal Option (ETO) Installation & Planning Gde	GG243980
GG24-3981-00	Client/Server Computing with IMS/ESA Using APPC	GG243981
GG24-3983-00	TSCF Rel 1 Stand-alone Functions for the PS/2	GG243983
GG24-3984-00	RACF Macros and Exit Coding	GG243984
GG24-3986-00	Data Propagator V1R1 - Implementing a Receiver Program	GG243986
GG24-3987-00	IBM 3495 Implementation Primer for MVS	GG243987
GG24-3988-00	Planning Guide for Conversion to DFSMSrmm	GG243988
GG24-3990-00	Implementing Concurrent Copy	GG243990
GG24-3997-00	Network Configuration Application/MVS	GG243997

Order No.	Title	Filename
GG24-4001-00	DB2 Packages: Implementation and Use	GG244001
GG24-4004-00	VSE/ESA Version 1 Implementation of CICS/VSE XRF Systems	GG244004
GG24-4009-01	Automating IBM 3990 DASD Recovery Using REXX Programs and NetView	GG244009
GG24-4010-00	IMS/ESA Performance and Tuning Guide	GG244010
GG24-4017-00	Planning for Client/Server Applications with CICS OS/2 Version 2.0	GG244017
GG24-4019-00	Information Warehouse Architecture and Information Catalog Overview	GG244019
GG24-4021-00	Migrating Applications from Vendor Libraries to SCLM	GG244021
GG24-4024-00	VM/ESA Release 2.1 Overview	GG244024
GG24-4025-00	VSE/ESA 1.3 Migration Guide	GG244025
GG24-4026-00	CICS/ESA and TCP/IP for MVS Sockets Interface	GG244026
GG24-4029-00	AFP Resources in a Multi-System Environment	GG244029
GG24-4031-00	IBM SystemView Information Warehouse DataHub Implementation & Connectivity	GG244031
GG24-4032-00	VM/ESA Release 2.1 Usage and Experience	GG244032
GG24-4034-00	ADSM Implementation Examples	GG244034
GG24-4037-00	MVS/ESA HCD and Dynamic I/O Reconfiguration Primer	GG244037
GG24-4038-00	Development of CICS, IMS, DB2 & TSO Applications Using Focus Products	GG244038
GG24-4040-00	NIC Performance in AIX/ESA	GG244040
GG24-4044-00	Tape Mount Management Cookbook	GG244044

Order No.	Title	Filename
GG24-4045-00	Introduction to Storage Performance Management Tools & Techniques for MVS/ESA	GG244045
GG24-4046-00	VSE/ESA Version 1.3 under VM/ESA Release 2	GG244046
GG24-4047-00	SQL/DS Version 3 Release 4 Performance Guide	GG244047
GG24-4053-00	PM Office/2 End User Education Guide for OfficeVision/MVS	GG244053
GG24-4054-00	PM Office/2 End User Education Guide for OfficeVision/VM	GG244054
GG24-4056-00	DFSMS/MVS Version 1 Release 2.0 Compression	GG244056
GG24-4061-00	IBM Current-OfficeVision/MVS Workgroup Everything You Need to Know, and More	GG244061
GG24-4069-00	The Host as a Data Server Using LANRES and Novell NetWare	GG244069
GG24-4076-00	APPC/MVS Server Facilities Application Design Guide: A Prototyping Example	GG244076
GG24-4085-00	Enhanced Exploitation of RACF 1.9.2 SDSF Conversion	GG244085
GG24-4089-00	Basic Tape Library Support Presentation Guide	GG244089
GG24-4096-00	Migrating DPPX Applications to VSE/ESA - A Customer Selected Sample	GG244096
GG24-4097-00	Using HMF/VM with Multiple VSE Systems	GG244097
GG24-4098-00	DFSMS/VM Function Level 221: The Undiscovered Feature	GG244098
GG24-4103-00	The Library for Systems Solutions Data Reference	GG244103
GG24-4112-00	The Library for Systems Solutions Office Reference	GG244112
GG24-4113-00	Library for Systems Solution: Systems Mgmt Ref - Intro to Managing Open Syste	GG244113

Order No.	Title	Filename
GG24-4114-00	The Library for Systems Solutions: System Mgmt for Managed System/390	GG244114
GG24-4127-00	MVS/ESA JES2 Exit Coding	GG244127
GG24-4130-00	A Technical Guide to ESA/390 Compression	GG244130
GG24-4131-00	Using Resource Measurement Facility Monitor III Efficiently	GG244131
GG24-4134-00	Implementation of the VSE/ESA Workstation Platform	GG244134
GG24-4135-00	MVS COBOL Cross-Development Using AIX CASE	GG244135
GG24-4146-00	ADSTAR Distributed Storage Manager Presentation Guide	GG244146
GG24-4150-00	IMS/ESA 4.1 Migration Guide	GG244150
GG24-4152-00	VM/ESA Performance Tools	GG244152
GG24-4167-00	Selected Ex of Distributed Application Processing Using MQSeries MQM MVS/ESA	GG244167
GG24-4174-00	Cross Domain Networking In VX/ESA 2.0 & VSE/ESA 1.3 Environments Implementati	GG244174
GG24-4175-00	Environmental Record Editing & Printing Prog (EREP) Self Help Manual R3.5.0	GG244175
GG24-4175-00	Environmental Record Editing & Printing Prog (EREP) Self Help Manual R3.5.0	GG244175
GG24-4184-00	Enhanced Exploitation of RACF 1.9.2 Secured Single Signon Using NV/AS	GG244184
GG24-4185-00	CICS/VSE V2R2 Data in Memory and Virtual Storage Usage	GG244185
GG24-4191-00	VSE/ESA Version 1 Release 3 Using the 31-bit Addressing Facility	GG244191
GG24-4192-00	REXX/VSE Version 1 Release 1 Getting Started	GG244192

Order No.	Title	Filename
GG24-4193-00	DRDA Client/Server Application Scenarios for VM and VSE	GG244193
GG24-4194-00	CICS/VSE Version 2 Release 2 Application Portability	GG244194
GG24-4195-00	TCP/IP Solutions for VSE/ESA Implementation Guide	GG244195
GG24-4196-00	QMF VSE/ESA Version 3 Release 1.1 Setup and Usage Guide	GG244196
GG24-4197-00	VSE/ESA and VM/VSE Client/Server Computing	GG244197
GG24-4198-00	SQL/DS Version 3 Release 4 VMDS Exploitation	GG244198
GG24-4218-00	OfficeVision/VM 1.2.0 Host Services	GG244218
GG24-4240-00	MVS/ESA OpenEdition DCE Presentation Guide Volume I	GG244240
GG24-4258-00	Results of a VSE/ESA 1.3 Tuning Residency	GG244258
GG24-4260-00	VM/VSE Performance Hints and Tips	GG244260
GG24-4400-00	DFSMS/MVS Version 1 Release 2.0 S/390 Parallel Sysplex Support	GG244400
GG24-4401-00	DFSMS/MVS Version 1 Release 2.0 Support for OpenEdition MVS	GG244401
GG24-4402-00	IBM 3495 Tape Library Dataserver Model M10	GG244402
GG24-4403-00	DFSMS/MVS Version 1 Release 2.0 Distributed FileManager/MVS	GG244403
GG24-4404-00	DFSMS/MVS Version 1 Release 2.0 Storage Management Enhancements	GG244404
GG66-0225-01	AFP Examples Using DCF and GDDM	GG660225
GG66-0263-00	MVS/SP JES2 2.2.0 Mig Considerations	GG660263
GG66-0297-00	MVS/SP JES2 3.1.1 Migration Considerations	GG660297
GG66-3131-00	The Subsystem Interface in MVS/SP Version 3	GG663131

Order No.	Title	Filename
GG66-3142-00	MVS/SP Version 3 Release 1 Planning and Installation Reference Guide	GG663142
GG66-3148-04	CICS OS/2 ISC An Implementation	GG663148
GG66-3151-01	MVS/ESA SP-JES2 Version 3.1.3 JES Migration Consid & Security Implementation	GG663151
GG66-3156-01	NJE Security Controls with JES2 3.1.3 or JES3 3.1.3 and RACF 1.9	GG663156
GG66-3163-00	DFSMS ESP Experiences	GG663163
GG66-3175-01	Printing on IBM 3828 Advanced MICR Printer (& the TROY TMP 3835 MCIR Pr)	GG663175
GG66-3187-00	GRS Primer - MVS/ESA SP Version 4	GG663187
GG66-3200-01	How to Use NetView Hardware Monitor Filters	GG663200
GG66-3201-00	DASD Array Tutorial	GG663201
GG66-3204-00	MVS/ESA SP V4.2 Working Set Mgmt & Block Paging Pres. Guide	GG663204
GG66-3206-02	APPC/MVS Perf Observations for MVS/ESA SP V4.3	GG663206
GG66-3208-00	NetView V2 Marketing & Technical Presentation Guide	GG663208
GG66-3209-00	MVS/ESA SP V4.2 Perf Adv: Work Set Mgmt & Block Paging for Num Int Comp	GG663209
GG66-3211-00	MVS/ESA Working Set Mgmt and Block Paging for Num Int Comp - Appl View	GG663211
GG66-3212-00	Rotation of GDDM Graphics for Printing on AFP Printers	GG663212
GG66-3213-00	IBM 3990 ESCON Function, Installation & Migration	GG663213
GG66-3214-00	Cache Performance Management	GG663214

Order No.	Title	Filename
GG66-3217-00	Expanding the Capabilities of the RACF SEARCH Command	GG663217
GG66-3218-01	RACF Security Administrator's Quick Reference	GG663218
GG66-3219-00	Developing Advanced Applications for PSF-Controlled Printers	GG663219
GG66-3224-00	APPC System Definitions in MVS/ESA and OS/2	GG663224
GG66-3232-00	9035 Plng, Config, Install, & Perf Consids	GG663232
GG66-3233-00	IBM 3990 Model 3 ESCON Performance Measurements	GG663233
GG66-3235-00	Async Comm for LAN w/LANACS	GG663235
GG66-3236-00	VM/ESA Release 1.1 Performance Report	GG663236
GG66-3237-00	IBM ES/9000 Numerical Chemistry Performance	GG663237
GG66-3238-00	TCP/IP V1.2.1 for OS/2 Tech Overview and Coexistence	GG663238
GG66-3239-00	ESCON Op Prob Determination in MVS/ESA Env	GG663239
GG66-3241-00	OS/2 EE 1.30.2 & ES for OS/2 Comm Mgr	GG663241
GG66-3243-00	ES for OS/2 Comm Mgr Tuning Gde for LAN Adapter	GG663243
GG66-3244-01	MVS/ESA V4 R3 Performance Studies	GG663244
GG66-3245-00	VM/ESA R2 Performance Report	GG663245
GG66-3246-00	Using TSAF, AVS, the SFS and Logical Saved Segments in VM/ESA	GG663246
GG66-3247-00	ES/9000 NIC Performance	GG663247
GG66-3248-00	A Tech Overview: VTAM V4R1/V3R4.2, NCP V6R2 & SSP V3R8	GG663248
SC23-3167-01	S/390 "Rainbow Books" Collection Booklet, June 1994	EZ2RBB42
SG22-1050-00	A Tech Overview: VTAM V3R4, V3R4.1, NCP V5R3.1, V5R4, V6R1, & SSP	SG221050

Comprehensive Bookshelves in This Collection

All-System Center Publication S/390 "Rainbow Books" Collection Bookshelf

Title	Filename	MB
All-Collection Bookshelf	EZ2RBK01	0.02
All-Collection Bookshelf Search Index	EZ2RBK01	20.00
All books in collection	N/A	212.97
Total Size		**232.99**

Bookshelves Arranged by ITSO Bibliography Categories

AIX/ESA "Red Books" Online Library

Title	Order No.	Filename	MB
Bookshelf	N/A	GBOF6349	0.01
Bookshelf Search Index	N/A	GBOF6349	0.32
AIX Version 3.1 Additional Authorization: An Example	GG24-3750-00	GG243750	0.08
AIX/ESA Functional Overview Presentation	GG24-3853-00	GG243853	0.35
AIX/ESA Overview	GG24-3849-00	GG243849	0.51
Getting Started with AIX/ESA	GG24-3882-00	GG243882	0.77
NIC Performance in AIX/ESA	GG24-4040-00	GG244040	0.27
Total size			**2.31**

Application Development Maintenance and Test "Red Books" Online Library

Title	Order No.	Filename	MB
Bookshelf	N/A	GBOF6322	0.01
Bookshelf Search Index	N/A	GBOF6322	0.45
AD/Cycle Test Tools: WITT and SATT	GG24-3827-00	GG243827	0.68
COBOL Code Reengineering	GG24-3979-00	GG243979	4.02
Development of CICS, IMS, DB2 & TSO Applications Using Focus Products	GG24-4038-00	GG244038	2.02
Migrating Applications from Vendor Libraries to SCLM	GG24-4021-00	GG244021	0.38
Total size			**7.56**

Application Development Platform "Red Books" Online Library

	Title	Order No.	Filename	MB
E	**Bookshelf**	N/A	GBOF6321	0.01
E	**Bookshelf Search Index**	N/A	GBOF6321	0.35
	AD/Cycle Documentation Tool PrDM Early Experiences	GG24-3900-00	GG243900	1.39
	AD/Cycle: SCLM 3.4 New Functions Usage Guide	GG24-3833-00	GG243833	0.27
N	MVS COBOL Cross-Development Using AIX CASE	GG24-4135-00	GG244135	3.50
	SCLM WSP/2 Usage Guide	GG24-3538-01	GG243538	0.77
	Total size			**6.29**

Application Generators "Red Books" Online Library

Title	Order No.	Filename	MB
Bookshelf	N/A	GBOF6324	0.01
Bookshelf Search Index	N/A	GBOF6324	0.45
AD/Cycle Library Integration: SCLM V3.4 and CSP/370AD V4.1	GG24-3923-00	GG243923	0.58
Client/Server Computing with AD/Cycle Generators	GG24-3760-00	GG243760	0.66
CSP/370 AD V4.1 Application Generators	GG24-3757-00	GG243757	1.37
Performance Data: CSP/370AD V4.1, CSP/370RS V2.1, CSP/2AD V1.1, &CSP/2RS V1.1	GG24-3943-00	GG243943	0.26
Total size			**3.33**

Artificial Intelligence and Knowledge Based System "Red Books" Online Library

	Title	Order No.	Filename	MB
E	**Bookshelf**	N/A	GBOF6326	0.01
E	**Bookshelf Search Index**	N/A	GBOF6326	0.32
	AD/Cycle - Integrated Reasoning Shell (TIRS) V1.2 MVS Subsystem Install Notes	GG24-3776-00	GG243776	0.13
	Developing & Integrating a TIRS Knowledge Application with AD/Cycle Products	GG24-3901-00	GG243901	1.93
	Integrating IMS Applications with AD/Cycle-TIRS/MVS Subsystem	GG24-3825-00	GG243825	0.13
N	SystemView AOEXPERT/MVS Installation & Implementation of IMS Outage Avoidance	GG24-3957-00	GG243957	1.28
	Total size			**3.80**

CICS "Red Books" Online Library

	Title	Order No.	Filename	MB
E	**Bookshelf**	N/A	GBOF6328	0.01
E	**Bookshelf Search Index**	N/A	GBOF6328	0.73
	CICS MRO Tuning and Performance Guide	GG24-3224-00	GG243224	0.16
	CICS Transaction Design: Pseudo-Conversational or Conversational	GG24-3805-00	GG243805	0.08
	CICS/ESA and TCP/IP for MVS Sockets Interface	GG24-4026-00	GG244026	0.29
N	CICS/VSE Version 2 Release 2 Application Portability	GG24-4194-00	GG244194	0.35
	CICS/VSE V2R2 Data in Memory and Virtual Storage Usage	GG24-4185-00	GG244185	0.33
	Client-Server with CICS & GUI	GG24-3855-00	GG243855	0.50
	Client/Server Computing with Transaction Processors	GG24-3728-00	GG243728	0.46
	Data Integrity in a Cooperative Processing Environment	GG24-3769-00	GG243769	0.20
	OS/2 & CICS/ESA CPI Communications Examples	GG24-3768-00	GG243768	0.42
	Planning for Client/Server Applications with CICS OS/2 Version 2.0	GG24-4017-00	GG244017	0.55
	Security in a CICS OS/2 - CICS/ESA LU6.2 Environment	GG24-3939-00	GG243939	0.17
	Total size			**4.25**

Data Delivery and Information Warehouse "Red Books" Online Library

Title	Order No.	Filename	MB
Bookshelf	N/A	GBOF6331	0.01
Bookshelf Search Index	N/A	GBOF6331	0.23
EDA/SQL in an Information Warehouse: Early Installation Experiences	GG24-3779-00	GG243779	0.32
Information Warehouse Architecture and Information Catalog Overview	GG24-4019-00	GG244019	0.46
Information Warehouse Implementation Overview	GG24-3869-00	GG243869	0.36
Total size			**1.38**

DB2 "Red Books" Online Library

Title	Order No.	Filename	MB
Bookshelf	N/A	GBOF6330	0.01
Bookshelf Search Index	N/A	GBOF6330	0.76
DataHub Presentation Guide	GG24-3952-00	GG243952	1.64
DB2 Packages: Implementation and Use	GG24-4001-00	GG244001	0.57
DB2 Remote Unit of Work Volume 1	GG24-3715-00	GG243715	0.68
DB2 V2.3 Nondistributed Performance Topics	GG24-3823-00	GG243823	0.45
DDCS/2 & DB2 V2.3 Distributed Performance: Early Experience	GG24-3926-00	GG243926	0.41
Distributed Relational Database Planning and Design Guide for DB2 Users	GG24-3755-00	GG243755	0.35
DRDB RUW Implementatio DB2-DB2 & DB2-SQL/DS Volume 2	GG24-3716-00	GG243716	0.23
OS/2 DRDA Clients and DB2	GG24-3771-00	GG243771	2.01
QMF V3R1M1 Remote Unit of Work Implementation and Use	GG24-3962-00	GG243962	0.37
Total size			**7.48**

Distributed Applications "Red Books" Online Library

Title	Order No.	Filename	MB
Bookshelf	N/A	GBOF6333	0.01
Bookshelf Search Index	N/A	GBOF6333	0.16
Client/Server with DRDA	GG24-3727-00	GG243727	0.38
Distributed Function Design Considerations	GG24-3767-00	GG243767	0.35
Total size			**0.90**

Distributed Data Base "Red Books" Online Library

	Title	Order No.	Filename	MB
E	**Bookshelf**	N/A	GBOF6332	0.01
E	**Bookshelf Search Index**	N/A	GBOF6332	0.61
	Client/Server Computing: Design & Coding of a Business Application	GG24-3899-00	GG243899	1.08
N	DRDA Client/Server Application Scenarios for VM and VSE	GG24-4193-00	GG244193	8.66
	IBM SystemView Information Warehouse DataHub Implementation & Connectivity	GG24-4031-00	GG244031	5.14
N	The Library for Systems Solutions Data Reference	GG24-4103-00	GG244103	1.00
	Total size			**16.50**

High Level Languages "Red Books" Online Library

Title	Order No.	Filename	MB
Bookshelf	N/A	GBOF6325	0.01
Bookshelf Search Index	N/A	GBOF6325	0.17
Cooperative Development of HLL Applications Using CODE/370 and LE/370	GG24-3872-00	GG243872	1.13
High Level Assembler for MVS, VM & VSE Presentation Guide	GG24-3910-00	GG243910	0.11
Total size			**1.42**

Host Systems Management "Red Books" Online Library

	Title	Order No.	Filename	MB
E	**Bookshelf**	N/A	GBOF5204	0.01
E	**Bookshelf Search Index**	N/A	GBOF5204	0.83
	Automation and Console Functions in a Sysplex Environment	GG24-3854-00	GG243854	1.11
	High Availability and Automation Management Using OPC/ESA	GG24-3829-00	GG243829	0.87
	Info/Management V5 Install & Perf Characteristics for MVS/ESA	GG24-3796-00	GG243796	0.58
N	Library for Systems Solution: Systems Mgmt Ref - Intro to Managing Open Syste	GG24-4113-00	GG244113	0.97
	Network Configuration Application/MVS	GG24-3997-00	GG243997	0.72
N	RACF Macros and Exit Coding	GG24-3984-00	GG243984	0.34
	Remote Op of VM/ESA & MVS/ESA Guests using Target System Control Facility	GG24-3679-00	GG243679	0.25
	Single-Logon and Secondary Authentication with NV/AS 1.3 and RACF	GG24-3712-00	GG243712	0.27
N	The Library for Systems Solutions Office Reference	GG24-4112-00	GG244112	0.22
N	The Library for Systems Solutions: System Mgmt for Managed System/390	GG24-4114-00	GG244114	0.29
	Total size			**6.46**

IMS "Red Books" Online Library

	Title	Order No.	Filename	MB
E	**Bookshelf**	N/A	GBOF6329	0.01
E	**Bookshelf Search Index**	N/A	GBOF6329	0.59
	Client/Server Computing with IMS/ESA Using APPC	GG24-3981-00	GG243981	0.72
	Data Propagator V1R1 - Implementing a Receiver Program	GG24-3986-00	GG243986	0.11
	IMS/ESA Performance and Tuning Guide	GG24-4010-00	GG244010	0.59
	IMS/ESA Version 4 Extended Terminal Option (ETO) Installation & Planning Gde	GG24-3980-00	GG243980	0.28
N	IMS/ESA 4.1 Migration Guide	GG24-4150-00	GG244150	0.44
	Total size			**2.74**

Large Systems Hardware "Red Books" Online Library

	Title	Order No.	Filename	MB
E	**Bookshelf**	N/A	GBOF5200	0.01
E	**Bookshelf Search Index**	N/A	GBOF5200	0.34
N	A Technical Guide to ESA/390 Compression	GG24-4130-00	GG244130	0.61
N	Enhanced Exploitation of RACF 1.9.2 Secured Single Signon Using NV/AS	GG24-4184-00	GG244184	0.41
T	Enterprise Systems Connection Manager Operations Presentation	GG24-3720-01	GG243720	0.18
	ESCON Error Recovery Concepts and Procedures in an MVS Environment	GG24-3721-00	GG243721	0.40
	TSCF Rel 1 Stand-alone Functions for the PS/2	GG24-3983-00	GG243983	0.16
	Total size			**2.11**

MVS/ESA Open and Client Server "Red Books" Online Library

	Title	Order No.	Filename	MB
E	**Bookshelf**	N/A	GBOF6334	0.01
E	**Bookshelf Search Index**	N/A	GBOF6334	1.17
	APPC Application Examples in MVS/ESA and OS/2	GG24-3819-00	GG243819	3.97
	APPC Programming Considerations in MVS/ESA and OS/2	GG24-3818-00	GG243818	0.72
	APPC Security: MVS/ESA, CICS/ESA, and OS/2	GG24-3960-00	GG243960	1.08
	APPC/MVS Server Facilities Presentation Guide	GG24-3863-00	GG243863	1.63
	MVS/ESA & CICS/ESA: APPC Prog & Definitions	GG24-3895-00	GG243895	0.36
N	MVS/ESA OpenEdition DCE Presentation Guide Volume I	GG24-4240-00	GG244240	1.00
	MVS/ESA POSIX Standards Technical Presentation Guide	GG24-3867-00	GG243867	2.62
N	Selected Ex of Distributed Application Processing Using MQSeries MQM MVS/ESA	GG24-4167-00	GG244167	0.62
	The Host as a Data Server Using LANRES and Novell NetWare	GG24-4069-00	GG244069	1.46
	Total size			**14.64**

MVS/ESA Systems Products "Red Books" Online Library

	Title	Order No.	Filename	MB
E	**Bookshelf**	N/A	GBOF5201	0.01
E	**Bookshelf Search Index**	N/A	GBOF5201	2.42
	APPC/MVS Server Facilities Application Design Guide: A Prototyping Example	GG24-4076-00	GG244076	2.35
	Elements of Security: MVS/RACF Tips	GG24-3879-00	GG243879	0.21
	Elements of Security: RACF Installaton - Student Notes	GG24-3971-00	GG243971	0.11
	Elements of Security: RACF Overview - Student Notes	GG24-3970-00	GG243970	0.59
	Elements of Security: RACF Advanced Topics - Student Notes	GG24-3972-00	GG243972	0.19
	Enhanced Exploitation of RACF 1.9.2 SDSF Conversion	GG24-4085-00	GG244085	0.35
	Environmental Record Editing & Printing Prog (EREP) Self Help Manual R3.5.0	GG24-4175-00	GG244175	0.21
	ICRF and ICSF/MVS Release 1 Implementation Guide	GG24-3802-00	GG243802	0.70
	MVS Software Management Cookbook	GG24-3481-02	GG243481	0.79
	MVS/ESA & RACF Version 1 Release 9 Security Implementation Guide	GG24-3585-01	GG243585	1.18
	MVS/ESA and Data in Memory Performance Studies	GG24-3698-00	GG243698	1.99
	MVS/ESA Client/Server Presentation Guide	GG24-3931-00	GG243931	2.91

	Title	Order No.	Filename	MB
	MVS/ESA HCD and Dynamic I/O Reconfiguration Primer	GG24-4037-00	GG244037	0.86
N	MVS/ESA JES2 Exit Coding	GG24-4127-00	GG244127	0.25
	MVS/ESA SP Version 4 Technical Presentation Guide	GG24-3594-01	GG243594	0.93
	MVS/ESA SP V4 R3 & RACF V1 R9.2 APPC/MVS Guide	GG24-3848-00	GG243848	2.92
	MVS/ESA Sysplex Migration Guide	GG24-3925-00	GG243925	0.81
	MVS/ESA Version 4 Implementation Guide	GG24-3628-03	GG243628	0.70
N	Print and View Data Streams	GG24-3938-00	GG243938	0.76
	RACF Starter System for MVS	GG24-3120-01	GG243120	0.33
	RMF Version 4 Rel 3.0 Technical Overview	GG24-3898-00	GG243898	0.39
	RMF V4 Support for MVS/ESA Functions	GG24-3874-00	GG243874	0.42
N	Using Resource Measurement Facility Monitor III Efficiently	GG24-4131-00	GG244131	0.52
	Total size			**22.90**

Office Systems - MVS Systems "Red Books" Online Library

Title	Order No.	Filename	MB
Bookshelf	N/A	GBOF6345	0.01
Bookshelf Search Index	N/A	GBOF6345	0.58
Cross Platform Services for OfficeVision From an OfficeVision/MVS Perspective	GG24-3809-00	GG243809	0.70
GDS EAB Overview and Comparison	GG24-3810-00	GG243810	0.20
IBM Current-OfficeVision/MVS Workgroup Everything You Need to Know, and More	GG24-4061-00	GG244061	1.29
Migration from PROFS or OV/VM to OV/MVS	GG24-3940-00	GG243940	0.42
PM Office/2 End User Education Guide for OfficeVision/MVS	GG24-4053-00	GG244053	8.09
Total size			**11.29**

Office Systems - VM Systems "Red Books" Online Library

Title	Order No.	Filename	MB
Bookshelf	N/A	GBOF6344	0.01
Bookshelf Search Index	N/A	GBOF6344	0.35
IBM Current-OV/VM Workgroup 5621-416 Implementation Guide	GG24-3897-01	GG243897	3.34
OfficeVision/VM 1.2.0 Host Services	GG24-4218-00	GG244218	0.40
PM Office/2 End User Education Guide for OfficeVision/VM	GG24-4054-00	GG244054	8.36
Printing in VM Office Environment: An End User's Guide	GG24-3830-00	GG243830	0.39
Total size			**12.85**

Online Bibliography of ITSO Technical Bulletins

Title	Order No.	Filename	MB
Bookshelf	N/A	GG243070	0.01
Bookshelf Search Index	N/A	GG243070	0.18
Bibliography of International Technical Support Org Technical Bulletins	GG24-3070-10	GG243070	0.38
Total size			**0.57**

Printing "Red Books" Online Library

Title	Order No.	Filename	MB
Bookshelf	N/A	GBOF5202	0.01
Bookshelf Search Index	N/A	GBOF5202	0.48
AFP Resources in a Multi-System Environment	GG24-4029-00	GG244029	8.83
ITSC Printing Library - Document Transforms Cookbook	GG24-3530-00	GG243530	0.76
ITSC Printing Library Printing PostScript Language	GG24-3529-00	GG243529	0.29
PSF/2 V1.10 DPF Implementation and Migration Guide	GG24-3973-00	GG243973	10.49
Total size			**20.86**

Storage Hardware - Magnetic DASD "Red Books" Online Library

Title	Order No.	Filename	MB
Bookshelf	N/A	GBOF6306	0.01
Bookshelf Search Index	N/A	GBOF6306	0.41
Automating IBM 3990 DASD Recovery Using REXX Programs and NetView	GG24-4009-01	GG244009	0.36
Concurrent Copy Overview	GG24-3936-00	GG243936	0.54
Extended Count Key Data and Nonsynchronous DASD I/O	GG24-3571-00	GG243571	0.12
IBM Storage Products Announcement: May 1992	GG24-3909-00	GG243909	1.08
IBM Storage Subsystem Enhancements	GG24-3886-00	GG243886	0.58
IBM 3990 Storage Control ESCON Features Presentation Guide	GG24-3803-00	GG243803	0.76
Total size			**3.86**

Storage Hardware - Optical DASD "Red Books" Online Library

Title	Order No.	Filename	MB
Bookshelf	N/A	GBOF6308	0.01
Bookshelf Search Index	N/A	GBOF6308	0.13
IBM 3995 & Object Access Method Systems Guide	GG24-3764-00	GG243764	0.36
Total size			**0.50**

Storage Hardware - Tape "Red Books" Online Library

	Title	Order No.	Filename	MB
E	**Bookshelf**	N/A	GBOF6307	0.01
E	**Bookshelf Search Index**	N/A	GBOF6307	0.46
	Basic Tape Library Support Presentation Guide	GG24-4089-00	GG244089	0.40
N	DFSMS/MVS Version 1 Release 2.0 Storage Management Enhancements	GG24-4404-00	GG244404	0.32
	IBM 3495 Implementation Primer for MVS	GG24-3987-00	GG243987	0.54
	IBM 3495 Tape Library Dataserver Presentation Guide	GG24-3906-00	GG243906	0.55
	Tape Implementation Strategies	GG24-3954-00	GG243954	0.75
	Tape Mount Management Cookbook	GG24-4044-00	GG244044	0.39
	Total size			**3.42**

Storage Software - DFSMS/MVS "Red Books" Online Library

	Title	Order No.	Filename	MB
E	**Bookshelf**	N/A	GBOF6309	0.01
E	**Bookshelf Search Index**	N/A	GBOF6309	0.85
	DFHSM Implementation Primer	GG24-1725-02	GG241725	0.57
	DFSMS Implementation Primer Series: Writing ACS Routines	GG24-3403-01	GG243403	0.19
N	DFSMS/MVS Version 1 Release 2.0 Compression	GG24-4056-00	GG244056	0.49
N	DFSMS/MVS Version 1 Release 2.0 Distributed FileManager/MVS	GG24-4403-00	GG244403	0.46
N	DFSMS/MVS Version 1 Release 2.0 S/390 Parallel Sysplex Support	GG24-4400-00	GG244400	0.33
N	DFSMS/MVS Version 1 Release 2.0 Support for OpenEdition MVS	GG24-4401-00	GG244401	0.44
	DFSMShsm Enhancements	GG24-3861-00	GG243861	0.34
	DFSMSrmm Presentation Guide	GG24-3914-00	GG243914	0.14
	Enterprisewide DFSMS Guidelines for Workstations	GG24-3525-00	GG243525	0.50
N	IBM 3495 Tape Library Dataserver Model M10	GG24-4402-00	GG244402	0.88
	Implementing Concurrent Copy	GG24-3990-00	GG243990	0.51
	Introduction to Storage Performance Management Tools & Techniques for MVS/ESA	GG24-4045-00	GG244045	0.48

Title	Order No.	Filename	MB
Partitioned Data Set Extended (PDSE) Usage Guide	GG24-3597-00	GG243597	0.20
Planning Guide for Conversion to DFSMSrmm	GG24-3988-00	GG243988	0.51
System-Managed Storage Technical Overview Presentation Guide	GG24-3201-01	GG243201	0.41
Total size			**7.31**

Storage Software - DFSMS/VM "Red Books" Online Library

Title	Order No.	Filename	MB
Bookshelf	N/A	GBOF6310	0.01
Bookshelf Search Index	N/A	GBOF6310	0.27
DFSMS/VM Function Level 220 Installation and Implementation	GG24-3966-00	GG243966	0.23
DFSMS/VM Function Level 220 Presentation Guide	GG24-3739-00	GG243739	0.19
DFSMS/VM Function Level 221: The Undiscovered Feature	GG24-4098-00	GG244098	0.31
DFSMSVM and ISMF: A Primer	GG24-3965-00	GG243965	0.17
Total size			**1.18**

Storage Software - Distributed Storage Management "Red Books" Online Library

	Title	Order No.	Filename	MB
E	**Bookshelf**	N/A	GBOF6311	0.01
E	**Bookshelf Search Index**	N/A	GBOF6311	0.21
	ADSM Implementation Examples	GG24-4034-00	GG244034	3.81
	ADSTAR Distributed Storage Manager Presentation Guide	GG24-4146-00	GG244146	3.55
	Total size			**7.58**

VM Systems "Red Books" Online Library

	Title	Order No.	Filename	MB
E	**Bookshelf**	N/A	GBOF2201	0.01
E	**Bookshelf Search Index**	N/A	GBOF2201	1.43
	Client/Server Computing with VM/ESA as Part of the Open Enterprise	GG24-3950-00	GG243950	1.04
	CMS Shared File System Primer	GG24-3709-01	GG243709	0.23
	Environmental Record Editing & Printing Prog (EREP) Self Help Manual R3.5.0	GG24-4175-00	GG244175	0.21
	ES/9000 Multi-Image Processing Volume 1: Presentation & Solutions Guidelines	GG24-3920-01	GG243920	1.53
	ES/9000 Multi-Image Processing Volume 2: Foil Masters	GG24-3921-01	GG243921	1.33
N	VM/ESA Performance Tools	GG24-4152-00	GG244152	1.20
	VM/ESA Release 2 Overview	GG24-3860-00	GG243860	0.16
	VM/ESA Release 2 Usage and Experience	GG24-3932-00	GG243932	0.35
	VM/ESA Release 2.1 Overview	GG24-4024-00	GG244024	0.25
	VM/ESA Release 2.1 Usage and Experience	GG24-4032-00	GG244032	0.17
	VM/ESA R1.1 Overview & Usage Experiences	GG24-3744-00	GG243744	0.33
	VM/ESA Storage Management with Tuning Guidelines	GG24-3934-00	GG243934	1.28
	VM/ESA 1.1 Migration Management	GG24-3770-00	GG243770	0.13
	VMSES/E Primer: Concepts and Experiences	GG24-3851-01	GG243851	0.57
	VMSES/E Release 2 Overview	GG24-3933-00	GG243933	0.26

Title	Order No.	Filename	MB
Workstation Data Save Facility/VM Version 1 DOS & OS/2 Clients Implementa Exp	GG24-3694-00	GG243694	0.68
Total size			**11.16**

VM/VSE - CSP "Red Books" Online Library

Title	Order No.	Filename	MB
Bookshelf	N/A	GBOF6317	0.01
Bookshelf Search Index	N/A	GBOF6317	0.08
An Introduction to the CSP/AD PWS Feature	GG24-3644-00	GG243644	0.24
Total size			**0.33**

VM/VSE - SQL "Red Books" Online Library

	Title	Order No.	Filename	MB
E	**Bookshelf**	N/A	GBOF6314	0.01
E	**Bookshelf Search Index**	N/A	GBOF6314	0.86
	Monitoring the Usage of SQL/DS Queries Under QMF	GG24-3706-00	GG243706	1.08
N	QMF VSE/ESA Version 3 Release 1.1 Setup and Usage Guide	GG24-4196-00	GG244196	0.45
	Setup and Usage of SQL/DS in a DRDA Environment	GG24-3733-01	GG243733	2.03
	SQL/DS Version 3 Release 4 Performance Guide	GG24-4047-00	GG244047	0.64
N	SQL/DS Version 3 Release 4 VMDS Exploitation	GG24-4198-00	GG244198	0.54
	Total size			**5.61**

VSE "Red Books" Online Library

	Title	Order No.	Filename	MB
E	**Bookshelf**	N/A	GBOF6312	0.01
E	**Bookshelf Search Index**	N/A	GBOF6312	1.71
	A CICS/VSE Performance and Tuning Supplement	GG24-3857-00	GG243857	0.10
	CICS OS/2 Cooperative Processing Application Design Guide	GG24-3582-00	GG243582	0.19
	CICS/VSE 2.1 MRO Function Shipping	GG24-3883-00	GG243883	0.09
	Controlling Multiple VSE Systems under VM/ESA	GG24-3847-00	GG243847	0.32
	Cross Domain Networking In VX/ESA 2.0 & VSE/ESA 1.3 Environments Implementati	GG24-4174-00	GG244174	0.40
	Database Considerations in a CICS/VSE XRF Environment	GG24-3969-00	GG243969	0.24
	ES/9000 Models 120, 130, 150, 170 & 200 SE Gde	GG24-3663-01	GG243663	0.63
	ES/9000 M120, 130, 150, 170 & 200 Install/Implement Cookbook	GG24-3935-00	GG243935	0.54
	Guidance for VM/VSE ESA Environments	GG24-3792-00	GG243792	0.15
	Implementation of the VSE/ESA Workstation Platform	GG24-4134-00	GG244134	7.59
	Migrating DPPX Applications to VSE/ESA - A Customer Selected Sample	GG24-4096-00	GG244096	0.20
N	Results of a VSE/ESA 1.3 Tuning Residency	GG24-4258-00	GG244258	0.18

	Title	Order No.	Filename	MB
N	REXX/VSE Version 1 Release 1 Getting Started	GG24-4192-00	GG244192	0.27
N	TCP/IP Solutions for VSE/ESA Implementation Guide	GG24-4195-00	GG244195	1.50
	Using HMF/VM with Multiple VSE Systems	GG24-4097-00	GG244097	0.27
N	VM/VSE Performance Hints and Tips	GG24-4260-00	GG244260	0.21
N	VSE/ESA and VM/VSE Client/Server Computing	GG24-4197-00	GG244197	0.23
	VSE/ESA DOS/VS COBOL to VS COBOL II Migration Considerations	GG24-3791-00	GG243791	0.29
	VSE/ESA Version 1 Implementation of CICS/VSE XRF Systems	GG24-4004-00	GG244004	0.16
N	VSE/ESA Version 1 Release 3 Using the 31-bit Addressing Facility	GG24-4191-00	GG244191	0.29
	VSE/ESA Version 1.3 under VM/ESA Release 2	GG24-4046-00	GG244046	0.14
	VSE/ESA 1.2.0 VSE/POWER 5.1 Networking Functions	GG24-3751-00	GG243751	0.27
	VSE/ESA 1.3 Migration Guide	GG24-4025-00	GG244025	0.17
	Total size			**16.15**

Washington Systems Center Online Technical Bulletins

	Title	Order No.	Filename	MB
E	**Bookshelf**	N/A	EZ2RBW01	0.01
E	**Bookshelf Search Index**	N/A	EZ2RBW01	2.32
N	A Tech Overview: VTAM V3R4, V3R4.1, NCP V5R3.1, V5R4, V6R1, & SSP	SG22-1050-00	SG221050	1.17
N	A Tech Overview: VTAM V4R1/V3R4.2, NCP V6R2 & SSP V3R8	GG66-3248-00	GG663248	3.85
	AFP Examples Using DCF and GDDM	GG66-0225-01	GG660225	0.19
	APPC System Definitions in MVS/ESA and OS/2	GG66-3224-00	GG663224	1.00
	APPC/MVS Perf Observations for MVS/ESA SP V4.3	GG66-3206-02	GG663206	0.54
	Async Comm for LAN w/LANACS	GG66-3235-00	GG663235	1.97
	Cache Performance Management	GG66-3214-00	GG663214	1.29
	CICS OS/2 ISC An Implementation	GG66-3148-04	GG663148	0.23
	DASD Array Tutorial	GG66-3201-00	GG663201	0.30
	Developing Advanced Applications for PSF-Controlled Printers	GG66-3219-00	GG663219	0.13
	DFSMS ESP Experiences	GG66-3163-00	GG663163	0.14
	ES for OS/2 Comm Mgr Tuning Gde for LAN Adapter	GG66-3243-00	GG663243	1.14
T	ES/9000 NIC Performance	GG66-3247-00	GG663247	0.07
	ESCON Op Prob Determination in MVS/ESA Env	GG66-3239-00	GG663239	0.21

	Title	Order No.	Filename	MB
	Expanding the Capabilities of the RACF SEARCH Command	GG66-3217-00	GG663217	0.09
	GRS Primer - MVS/ESA SP Version 4	GG66-3187-00	GG663187	0.25
	How to Use NetView Hardware Monitor Filters	GG66-3200-01	GG663200	0.09
	IBM ES/9000 Numerical Chemistry Performance	GG66-3237-00	GG663237	0.09
	IBM 3990 ESCON Function, Installation & Migration	GG66-3213-00	GG663213	0.60
	IBM 3990 Model 3 ESCON Performance Measurements	GG66-3233-00	GG663233	0.07
	MVS/ESA SP V4.2 Perf Adv: Work Set Mgmt & Block Paging for Num Int Comp	GG66-3209-00	GG663209	0.24
	MVS/ESA SP V4.2 Working Set Mgmt & Block Paging Pres. Guide	GG66-3204-00	GG663204	0.12
T	MVS/ESA SP-JES2 Version 3.1.3 JES Migration Consid & Security Implementation	GG66-3151-01	GG663151	0.19
	MVS/ESA V4 R3 Performance Studies	GG66-3244-01	GG663244	0.20
	MVS/ESA Working Set Mgmt and Block Paging for Num Int Comp - Appl View	GG66-3211-00	GG663211	0.14
T	MVS/SP JES2 2.2.0 Mig Considerations	GG66-0263-00	GG660263	0.11
	MVS/SP JES2 3.1.1 Migration Considerations	GG66-0297-00	GG660297	0.12
	MVS/SP Version 3 Release 1 Planning and Installation Reference Guide	GG66-3142-00	GG663142	0.17
	NetView V2 Marketing & Technical Presentation Guide	GG66-3208-00	GG663208	0.27

	Title	Order No.	Filename	MB
	NJE Security Controls with JES2 3.1.3 or JES3 3.1.3 and RACF 1.9	GG66-3156-01	GG663156	0.13
	NJE with JES2 and Other Systems	GG22-9339-01	GG229339	0.41
	OS/2 EE 1.30.2 & ES for OS/2 Comm Mgr	GG66-3241-00	GG663241	0.69
	Printing on IBM 3828 Advanced MICR Printer (& the TROY TMP 3835 MCIR Pr)	GG66-3175-01	GG663175	0.32
	RACF Security Administrator's Quick Reference	GG66-3218-01	GG663218	0.11
	Rotation of GDDM Graphics for Printing on AFP Printers	GG66-3212-00	GG663212	0.12
	TCP/IP V1.2.1 for OS/2 Tech Overview and Coexistence	GG66-3238-00	GG663238	3.99
	The Subsystem Interface in MVS/SP Version 3	GG66-3131-00	GG663131	0.25
T	Tutorial: Options for Tuning RACF	GG22-9396-04	GG229396	0.18
	Using TSAF, AVS, the SFS and Logical Saved Segments in VM/ESA	GG66-3246-00	GG663246	0.19
	VM/ESA Release 1.1 Performance Report	GG66-3236-00	GG663236	0.93
	VM/ESA R2 Performance Report	GG66-3245-00	GG663245	0.44
	9035 Plng, Config, Install, & Perf Consids	GG66-3232-00	GG663232	0.42
	Total size			**25.49**

Other Bookshelves in This Collection

Booklet for S/390 "Rainbow Books" Collection Online

	Title	Order No.	Filename	MB
E	**Bookshelf**	N/A	EZ2RBS42	0.01
E	**Bookshelf Search Index**	N/A	EZ2RBS42	0.09
S	S/390 "Rainbow Books" Collection Booklet, June 1994	Online only	EZ2RBB42	0.16
	Total size			**0.26**

IBM Online Library Reference Bookshelf

The following reference publications on using online books and libraries are included on each CD-ROM:

	Title	Order No.	Filename	MB
E	**Bookshelf**	N/A	AB0RWT05	0.01
E	**Bookshelf Search Index**	N/A	AB0RWT05	0.41
	BookManager READ/DOS: General Information	GB35-0816-01	EOZ01M02	0.07
S	BookManager READ/DOS and Library Reader/DOS: Displaying Online Books	SB35-0069-00	EOZ2LM02	0.17
S	BookManager READ/2: General Information	GB35-0800-02	EPA01M03	0.29
S	BookManager READ/2 and Library Reader/2: Displaying Online Books	SB35-0070-00	EPA3LM02	0.79
N	BookManager READ/6000: Getting Started and Quick Reference	SX28-6800-01	EDLA2M02	0.09
N	BookManager READ/6000: Displaying Online Books	SC22-0096-01	EDLA3M02	0.52
	IBM Online Library: Softcopy Collection Kit User's Guide	GC28-1700-00	AB0HEV00	0.93
S	IBM Online Library: Getting Started and Managing the Library	GC23-0545-01	EZ2GSB01	0.15
	IBM Softcopy Receiver Tool: User's Guide	GC23-3663-02	EBR00102	0.08
	Total Size			**3.51**

Other Items in This Collection

In addition to books, bookshelves, and bookshelf search indexes, this collection also contains:

- A README.ENG file that contains an ASCII version of this booklet. This file has been formatted to use a monospace font when displayed.
- An ASCII file named CKITLIST.TXT that contains a list of all the collections in the IBM Online Library, their contents, and how to order them.
- The IBM BookManager Library Reader/2 and IBM BookManager Library Reader/DOS, which are *special* editions of the IBM BookManager READ/2 and IBM BookManager READ/DOS licensed programs. The IBM Library Readers let you read and search any IBM book and other books that are designated "For use with the Library Readers." The library readers cannot read any books that you may have built with the IBM BookManager BUILD/MVS, BUILD/VM, or BUILD/2 licensed programs.
- The IBM BookManager Library Reader Installation Program that lets you install the BookManager Library Readers on your hard disk, set up the book and bookshelf search path for the BookManager Library Readers or BookManager READ, and create OS/2* folders.
- The IBM BookManager Library Reader Installation Package that lets you install the library readers on workstations that do not have CD-ROM drives.
- The IBM Bookshelf Upload Program that lets you upload individual bookshelves of IBM books to an MVS or VM host from any host-attached PS/2* workstation.
- The IBM Softcopy Receiver Tool (SCRT), Version 1.2, program number 5648-032 that lets you select online bookshelves and books (softcopy publications) from a CD-ROM and transfer them to host DASD or a workstation hard disk. The host version runs on MVS and VM hosts; the workstation version runs on OS/2 and DOS workstations. For information on installing and using the SCRT on your host, refer to the READSCRT.TXT file or the *IBM Softcopy Receiver Tool: User's Guide,* GC23-3663, in the Online Library Reference Bookshelf For instructions on using the SCRT on your OS/2 or DOS workstation, refer to the instructions in "Receiving Books and Bookshelves Using the SCRT" on page 129.

- An ASCII file named READSCRT.TXT that contains the README file for the SCRT.
- The IBM BookManager READ/DOS tutorial that teaches you how to use BookManager READ/DOS and the IBM Library Reader/DOS. For instructions on starting the tutorial, go to "BookManager Tutorial" on page 64.
- The multimedia demonstration, *Online Electronic Books: A New Alternative* that introduces you to: online books on CD-ROM; the IBM Online Library; creating your own online books; and the BookManager READ products for AIX, OS/2, and DOS workstations. For instructions on using this demonstration, go to "BookManager Online Books Demonstration" on page 61.
- ASCII files named BOOKENG.AGR, PLALRENG.AGR, and SCRTENG.AGR that contain the license agreements and terms and conditions for using and copying the books and programs in this collection.

Online Message Facility for OS/2

The Online Message Facility (OMF) is an OS/2 program that lets you display the descriptions of host messages that you receive in your host session. While using OS/2, you can click on a message number that appears in a host window controlled by Communications Manager. OMF searches for that message in the appropriate book and uses BookManager Library Reader/2 or READ/2 to display the explanation in an OS/2 window.

If the message that you selected contains certain types of system codes, such as sense or abend codes, you can branch directly from the message description to the descriptions of the codes in that message.

OMF also has a search function that lists the different types of message prefixes and codes contained in a set of online books. When you enter a code or message number, the OMF passes it to the appropriate online book. You can also use of all the functions of BookManager READ/2 after OMF starts it.

OMF searches only books that have been enabled for it. Each book that is enabled for OMF comes with a file called a Message Parsing Template (MPT) that identifies the message prefixes in that book. To use OMF, you must install the Online Message Facility program and copy the MPT file to your hard disk.

This collection does not contain any books enabled for OMF, and it does not include the IBM Online Message Facility program.

BookManager Online Books Demonstration

This CD-ROM contains a multimedia demonstration called *Online Electronic Books: A New Alternative.* This demonstration introduces you to:

- Online books on CD-ROM
- The IBM Online Library
- The BookManager READ products for workstation
- Creating your own online books

The introduction to the BookManager READ products offers you a particularly helpful tutorial that shows you how to use the BookManager READ/2 and READ/6000 products.

What Kind of Workstation Do You Need to Run This Demonstration

This demonstration is designed to work with the following software and hardware. If your workstation meets these requirements, you can go to "How to Start The Demonstration" on page 62 and prepare to run the demonstration.

Required Software for OS/2

- IBM Operating System/2* (OS/2) Standard Edition (SE), Version 1.3 or higher, or IBM Operating System/2 (OS/2) Extended Edition (EE), Version 1.3 or higher
- IBM DOS Release 3.3 or higher

Required Software for DOS

- IBM DOS Release 3.3 or higher

Required Hardware

- Any 386 or 486 workstation that runs the required software
- A Video Graphics Adapter (VGA) or equivalent
- A minimum of 512KB of memory (in addition to the memory required by the edition of OS/2 or DOS you are using)
- A CD-ROM drive and the equipment needed to attach it to your workstation

- A mouse

How to Start The Demonstration
To run this demonstration, do the following:

1. Remove the CD-ROM from its protective case.
2. Insert the CD-ROM in the CD-ROM drive.

   If you are not sure how to use your CD-ROM drive, refer to its instruction manual to learn how to insert CD-ROMs correctly.
3. Go to a command prompt.

   For OS/2:

   Go to the DOS command prompt in a DOS full-screen session.

   For DOS:

   Go to the DOS command prompt.
4. Switch to the drive letter of the CD-ROM drive that now contains the CD-ROM. For example, if this CD-ROM drive is `D`, type:

   ```
   d:
   ```

   If you have more than one CD-ROM drive, you can use any one of them.
5. Change to the directory on the CD-ROM that contains the library reader. Type:

   ```
   cd \bkmdemo
   ```
6. To start the demonstration, type the following:.

   For 386 workstations:

   ```
   start386
   ```

   For 486 workstations:

```
start486
```

The IBM logo appears on your screen. The logo will disappear. Several introductory screens will appear. Wait for instructions. When they appear on your screen, follow the instructions to continue with the demonstration.

BookManager Tutorial

You can also learn about BookManager READ/DOS using the IBM BookManager READ/DOS Tutorial, which is included on this CD-ROM. The tutorial requires DOS Version 3.3 or later. To start the tutorial, do the following:

1. At the DOS prompt, change to the letter of your CD-ROM drive.
   For example, if it is `D`, type: `d:`
2. Change to the subdirectory that contains the tutorial. Type: `cd \tutor`
3. Start the tutorial. Type: `tutor`

Directories Containing the Files in This Collection

The files on the CD-ROM in this collection are placed in the following directories:

- The **root** directory contains the ASCII files BOOKENG.AGR, PLALRENG.AGR, SCRTENG.AGR, README.ENG, CKITLIST.TXT, and READSCRT.TXT.
- A **\shelves** directory that contains a bookshelf file for each bookshelf in this collection and the "all-disc" bookshelf.
- A **\books** directory that contains all the books, a bookshelf search index file for each bookshelf, and one bookshelf search index file for the all-disc bookshelf.
- An **\ez2inst** directory that contains the BookManager Library Reader/2 and Library Reader/DOS programs, the BookManager Library Reader Installation Programs, and the BookManager Library Reader Installation Package.
- An **\upload** directory that contains the IBM Bookshelf Upload programs.
- An **\scrt** directory that contains the IBM Softcopy Receiver Tool and associated files.
- A **\tutor** directory that contains the IBM BookManager READ/DOS Tutorial.
- A **\bkmdemo** directory that contains the multimedia demonstration *Online Electronic Books: A New Alternative* and its ASCII README file named READDEMO.TXT.

Chapter 3. What Is the IBM Online Library?

The "Library" contains all the IBM publications and product books available in online form. The books are organized into collections and packaged on CD-ROMs. And, all the books in the Online Library are viewable, without changing them, on these IBM operating platforms: MVS, VM, OS/2, DOS, and RISC System/6000. The same book can be viewed at your workstation or terminal using the IBM BookManager Library Readers for OS/2 and DOS, which are provided at no charge with the library, or using any of the IBM BookManager READ licensed programs for MVS, VM, OS/2, DOS, or AIX/6000.

Think of the IBM Online Library as you would think of the public library in your community. A public library houses large numbers of books organized into a variety of collections by subject. Each collection occupies one or more bookshelves. The bookshelves contain the books. The public library has a librarian and tools to help you discover what is available, and find what you want. The IBM Online Library, like your community library, also contains large numbers of publications and product books organized into collections. But, the IBM Online Library is not a big building or a large room; it's several little boxes of CD-ROMs. It's not on long rows of shelves and stacks of books; it's online. It's not up the street or down the hall; it's right under your fingertips.

Why Online Books?

- Online books have all the attributes of printed books.
  - They have familiar parts:
    A cover
    A table of contents
    A preface
    Chapters
    Topics
    A bibliography
    A glossary
    An index

© Copyright IBM Corp. 1994

- They are organized to show how topics relate together
- They let you page through them a page at a time
- They have tables, illustrations, and pictures
- They let you make notes in them.

And, you already know how to use printed books.

- Online books let you do things you can't do with printed books.
  - You can jump from the table of contents or index to a chapter or topic without turning pages
  - You can jump from topic to topic and cross-reference to cross-reference just by selecting them
  - You can search for words and phrases electronically just by asking for them.
  - You can share your notes with others.
- Online books are available.
  - You have all the books you need; they were not overlooked when books were purchased.
  - You know where they are; they are not in another room or in another building.
  - You can get them when you need them; they are not locked in someone's desk.

And, you can still print parts of them if you need to.

Why on CD-ROMs?

CD-ROMs are:

- Spacious

  They can hold 660 megabytes of data; that equals 150 000 pages of text
- Small

  They take up very little space; one CD-ROM can replace 30 feet of bookshelves.
- Portable

  You can carry them with you or mail them anywhere you want.

- Self-contained

  Everything you need is in one handy package. They not only contain books, they also contain reader programs for OS/2 or DOS workstations and other helpful tools.
- Economical

  The cost of large numbers of books on CD-ROMs is considerably less than ordering the same number of books in hardcopy.
- Organized

  Read on, to learn how IBM has organized the library.

What's in the IBM Online Library?

The IBM Online Library began with the release of a Starter Kit in May 1992. This original kit contained over 1400 online books for more than 200 IBM licensed programs and some hardware products. The Starter Kit, which is now obsolete, set the foundation for the current Online Library and has been the basis for its growth. The library has grown to many times the size of the Starter Kit. Along with growth has come changes in its organization and contents. The Online Library has evolved into three editions: the Omnibus Edition, the Framework Edition, and the Productivity Edition.

The Editions and Their Collections

Each edition contains a series of collections that are organized to meet specific information needs.

Omnibus Edition—Product Libraries by Platform

The collections in the Omnibus Edition contain all the product libraries related to specific IBM operating platforms. They are useful to anyone who must administer or maintain an entire system or maintain a large online library for others to use. These collections are currently in the Omnibus Edition:

- AIX, SK2T-2066

- AS/400, SK2T-8250
- Hardware, SK2T-5843
- MVS, SK2T-0710
- OS/2, SK2T-2176 (see Note)
- VM, SK2T-2067
- VSE, SK2T-0060

For example, the MVS Collection contains all the available libraries for MVS products, regardless of the type of product. The OS/2 Collection contains all available OS/2 product libraries. The Hardware Collection contains System/390 and other hardware libraries and so on.

Note: The OS/2 collection mentioned above should not be confused with the *IBM OS/2 Online Book Collection,* S53G-2166 (Part No. P53G2166), which is sold primarily through retail outlets in conjunction with specific versions of OS/2. The retail collection contains a subset of the libraries contained on the OS/2 collection.

Framework Edition—Product Libraries by Function

The collections in the Framework Edition contain product libraries that are functionally related regardless of their operating system. They are useful to anyone who must specialize in a particular computing activity such as administering a network, developing applications, or maintaining a data base. These collections are currently in the Framework Edition:

- Application Development, SK2T-1237
- Decision Support Systems, SK2T-0138
- Financial Systems, SK2T-8660
- ImagePlus, SK2T-2131
- Networking Systems, SK2T-6012
- Printing and Publishing, SK2T-2921
- Transaction Processing and Data, SK2T-0730

For example, the Application Development Collection contains all the available libraries for application development languages and tools, regardless of the operating system on which they run. The Printing and Publishing Collection contains printing and publishing product libraries. The Networking Systems Collection contains networking product libraries and so on.

Productivity Edition—Books by Subject or Task

The collections in the Productivity Edition contain individual books from a variety of product libraries and other sets of books that are related to specific subjects or tasks. They are useful to anyone who has a specific task to perform such as integrating products, handling messages at a system console or at a help desk, or learning about system architecture. These collections are currently in the Productivity Edition:

- AS/400 Red Books, SK2T-8053
- Best of APPC, APPN, CPI-C, SK2T-2013
- Messages and Codes, SK2T-2068
- Networking Systems Red Books, SK2T-6022
- RACF Security, SK2T-2180
- S/390 Rainbow (Red, Orange, and Yellow) Books, SK2T-2177
- Systems Application Architecture, SK2T-1244

For example, the Messages and Codes Collection contains any book from any AIX/ESA, MVS, VM, or VSE product library that includes messages and codes, regardless of the type of product. The S/390 Rainbow Books Collection includes system center publications ("red," "orange," and "yellow books") that apply to the System/390 environment (AIX/ESA, MVS, VM, and VSE). The Systems Application Architecture Collection includes SAA architecture books and so on.

In addition to books, some of the collections also contain online presentations, interactive demonstrations, and actual products. The number of collections in these editions will probably increase as new information needs are discovered.

The collections help you organize your IBM Online Library. You get all the books you need, on a predictable schedule at a reasonable cost, and you do not need to handle individual books or product libraries to keep your library up to date. You can purchase a single collection, or you can get a subscription. You only need to order the collections that you need. The collections are a convenient way to help you get your library started and to keep it growing as fast as you need it. The IBM Online Library lets you save time, save space, and save money.

The Relationship between the Collections

Some product libraries may appear in more than one collection. The VTAM library is in the MVS and VM platform collections because it is a product that runs on both MVS and VM. It is also in the Networking Collection because it is a product that provides network services.

Some books may appear in more than one collection. The VTAM Messages and Codes manual is in the MVS and VM Collections because it is part of the VTAM product library. It is also in the Messages and Codes Collection because it contains messages and codes.

What's in a Collection?

Each collection in the IBM Online Library contains bookshelves. Each bookshelf contains the books.

The Bookshelves and Books

The bookshelves contain the books that make up a product library or sets of books that are related by platform, task, subject, and so on.

The Library Readers

Each collection also includes the BookManager Library Readers for viewing books on OS/2 and DOS workstations. The library readers are *special* editions of BookManager READ/2 and READ/DOS. The library readers let you use all the functions of the BookManager READ licensed programs, but they are limited to reading only IBM books and any other books that are designated specifically "For use with the Library Readers."

The Librarian

Remember, we said a library has a librarian. The Online Library also has a librarian. However, it's not a person; this librarian is the instructions, catalogs, and tools that are included in the collections to help you set up, use, and manage the library. Each collection, in addition to all the books and the readers, contains these features that can help you make more effective use of the library:

- The IBM Library Reader Installation Program, which installs the Library Readers and makes the books on the CD-ROMs accessible
- The IBM Library Reader Installation Package, which makes it possible to install the Library Reader on workstations that do not have CD-ROM drives
- The IBM Bookshelf Upload Programs, which can transfer entire bookshelves to your host
- The IBM Softcopy Receiver Tool, which can transfer an entire CD-ROM or selected bookshelves on the CD-ROM to your host using Optical Media Attach/2 or copy selected bookshelves and books to the hard disk in your workstation or LAN server.
- A file named CKITLIST.TXT, which lists the collections that are currently available, the product libraries in each collection, and the order numbers and feature codes that you can use for ordering the collections
- Booklets that describe what's in the library and how to use it.

What Else Is in the Collections?

Some collections also include:

- The IBM Online Message Facility Program for OS/2, which lets you get explanations in an OS/2 window for MVS and VM messages that appear in a host window.
- The BookManager multimedia demonstration, *Online Electronic Books: A New Alternative,* which introduces you to: online books on CD-ROM; the IBM Online Library; creating your own online books; and the BookManager READ products for AIX, OS/2, and DOS workstations.
- The IBM BookManager READ/DOS Tutorial, which teaches you how to use BookManager READ/DOS.
- Other online presentations and demonstrations designed for specific collections or products.

How the Collections Are Kept Up to Date

The collections in the Online Library are revised regularly. Most collections are completely updated each quarter. Some collections, where it is appropriate, are revised less frequently or are revised to coincide with the release of specific products. As new product books are released by IBM or when books are updated, they are made included in the next regular update of the appropriate collections. You may still receive individual sets of product books in hardcopy, on CD-ROMs, or on tape with some of the new products you order. These set of books are delivered in these interim forms so they can be accompany a product when it is released for general availability (GA). These interim product libraries will be included in the next regular revision of the Online Library collections to which they apply. Even though product libraries and individual books appear in more than one collection, all the collections that are issued at the same time contain libraries and books that are at the same level.

How You Can Use the IBM Online Library

You can set up an IBM Online Library on your OS/2, DOS, or RISC System/6000 workstation for yourself or you can share it with your co-workers. You can distribute the library throughout your organization to individual workstations or to a few conveniently located, walk-up-and-use "information kiosks." You can centralize it on your VM or MVS host or on a LAN server and share it within your entire enterprise. The IBM Online Library has been designed so that you can distribute it as widely as you need inside your enterprise.

You can:

- Install the Library Reader and view the books on a CD-ROM drive attached to your OS/2 or DOS workstation.
- Install the Library Reader and copy the books to an OS/2 or DOS LAN server and view them from an attached workstation.

- Upload the books from a workstation to an MVS or VM host and view them from an attached terminal or workstation with the IBM BookManager READ/MVS or READ/VM licensed programs. These licensed programs are not provided in the IBM Online Library. They must be purchased separately.
- Upload the books and the Library Reader Installation Package to an MVS or VM host, download them, and install them on a workstation that doesn't have a CD-ROM drive.
- Copy the Installation Package to a diskette and install the Library Readers on a workstation that doesn't have a CD-ROM drive or a host connection.
- View the books on a CD-ROM drive attached to a RISC System/6000 workstation with the IBM BookManager READ/6000 licensed program. This licensed program is not provided in the IBM Online Library. It must be purchased separately.
- Create shared folders of Online Library books on an AS/400, and view them using the Library Reader on an attached OS/2 or DOS workstation.
- Copy books to diskettes and view them on the diskettes using the Library Reader.
- Copy books to diskettes, then to the hard disk of the workstation, and view them using the Library Reader.

Can the IBM Online Library Save You Money?

You may already believe that you are spending too much on IBM books. You know how much you are spending. You just don't know how much is too much, and you don't know how you can save some of that money. IBM's Online Library may be an answer. How can you tell if online IBM books can help you cut your publications cost? Here are a few simple steps that can help you find out:

1. Look at your latest SLSS bill from IBM. It shows how much you are spending on IBM books.

2 Analyze what you are ordering. Look for books that you order in large quantities. If you see several, you are probably spending too much. If you see many, you are probably spending **much** too much.

Your IBM representative can run a program to compare your SLSS bill to the list of available online books and calculate your potential savings. The program will tell you how many of the books you currently order are available online and how much you can save using them instead of printed books.

3 Check with some of the people in your organization who use IBM books. Ask them these questions:

- Do the books in their offices match the level of the software products installed on your systems?
- Do they have all the books they need?
- Are there TNLs (technical newsletters, that is, updates) lying around that have not been inserted into their books?

4 Take a look at your company library and your computer rooms. Ask yourself these questions:

- Can you locate the books they have?
- Do they have the right books?
- Are they missing books?
- Are the books complete or are they missing pages?
- Are books sitting around unused?

If your people do not have the right books or cannot find them, they are wasting time looking for information they need to do their jobs. If you have ordered books that are not being used, you are wasting money. Even if your people have the right books, they may not be able to find the information in them when they need it.

5 Ask your support staff how much time they spend answering questions for people who could have found the information for themselves ... if they had the right books and if they could find the information in the books. Your staff will probably tell you that they spend **too much** time.

   Think how much it costs to have your staff spend time answering questions that they don't need to answer. What else could they be doing instead of reading answers out of a book to people who should have the same book and should be able to find the same information? Even if your people have the right books, they cannot find information as fast as BookManager can. Online books and BookManager READ help everyone be more productive.

6 As you look around, notice how much office space is devoted to storing books. You probably see much space that is used for storing books that could be used for other things. Floor space is expensive. Online books can significantly reduce your storage requirements.

When you are done, ask yourself if you think online books can help you reduce your publications cost. If you think so, you are ready for the next step.

What Should You Do Next?

For more information about IBM's online books, order the *IBM Online Library: Collection Kit User's Guide,* GC28-2700. This book is also included, as an online book, on all IBM collections.

For more information about the BookManager family of products, call 1+800+IBM-CARY (1+800+426-2279) or FAX 1+919+469-7423.

If you are ready to start building your IBM Online Library, all the collections listed above are available now on CD-ROM; some are also available on 3480 cartridge tape. You can order these collections as you would any IBM publication.

How Collections in the IBM Online Library Are Made Available

Collections in the IBM Online Library are made available, like hardcopy books, in a variety of ways: as a feature of a product, as a feature of the IBM Library Offering (5636-PUB), or by direct purchase of single copies or subscriptions.

In the U.S.

Collections are made available in the following ways:

- **Nonbillable (Entitled) Product Feature Codes**

  If you are a license holder for an IBM product that runs on AS/400, MVS, VM, and VSE, you can receive collections as optional, nonbillable *features* of those products or prerequisite products. They are designated with 7*xxx* feature codes. Optional, nonbillable features are entitled, but they are not shipped unless you specify the appropriate feature code when you order the product. If you did not specify the 7*xxx* feature code when you ordered the product, you can still get these entitled collections by ordering them later. You may already be ordering some entitled printed books this way.

  There is no charge for these 7*xxx* features. If you have a license for any of the products that entitle a collection, you are entitled to an optional, no-fee collection. All CD-ROMs that contain IBM online books have a file named CKITLIST.TXT that lists all the online book collections that are available and which feature codes you can use to obtain them.

- **Billable (Non-entitled) Product Feature Codes**

  A few collections are available as optional, billable features, designated with 8*xxx* feature codes. Optional, billable features are not entitled, and they are not shipped unless you specify the appropriate feature code when you order the product. If you did not specify the 8*xxx* feature code when you ordered the product, you can also order them later. You may already be ordering some printed books this way, and you may be ordering some extra copies of entitled printed books this way. You are billed when the collection is shipped initially, and you are billed each time you are shipped an update with a new release of the

product. If you do not have a license for any of the "base" products in the collection you want, you cannot order a collection as an optional, billable feature.

- **Annual Subscription Feature of the IBM Library Offering (5636-PUB)**

  You can order collections as part of the IBM Library Offering (5636-PUB) through your IBM representative. The Library Offering treats the IBM Online Library as if it were a separate product with its own program number, 5636-PUB, and each collection is a feature of this offering. Each collection that is part of the offering has two feature codes: a billing code (2*xxx*) and a media specify code (5*xxx*) for CD-ROM or tape. An annual subscription through the Library Offering includes the initial collection and all updates during the one-year period. You will be billed for one year. This subscription must be renewed each year.

- **Single-Copy Purchase**

  You can also purchase single copies of a collection with no updates. You can order single copies in the same way that you order any printed book from IBM. You only need to know the order number of the collection you want. You are billed for each collection you order.

- **Subscription through SLSS**

  You can subscribe to a collection through SLSS. A subscription through SLSS runs until you cancel it. You can subscribe to collections in the same way that you subscribe to any printed book. You only need to know the order number of the collection you want. You are billed when the collection is shipped initially, and you are billed each time you are shipped an update.

In Other Countries

Contact your IBM representative.

How You Can Order Collections in the IBM Online Library

You can order collections through toll-free numbers, IBMLink, and your IBM representative.

In the U.S.

You can order collections in the following ways:

- **The IBM "800" number**

  You can dial 1+800+879-2755 to place an order.

  If you want to purchase a single copy or a subscription through SLSS, select the PUBLICATIONS and SLSS option (press 1). You can charge the collection or subscription to your IBM account if you have an IBM customer number or to one of these credit cards: American Express, Diner's Club, MasterCard, or VISA. Be prepared to give the order number of the collection you want and your IBM customer number or credit card number.

  If you want to order a collection as a feature of a product, select the SOFTWARE option (press 2). You can charge billable features of products to your IBM account if you have an IBM customer number or to one of these credit cards: American Express, Diner's Club, MasterCard, or VISA. Be prepared to give the program number of the product and the feature code of the collection you want. The program numbers and feature codes for all collections are listed in a file named CKITLIST.TXT that is included on all CD-ROMs that contain IBM online books.

  If you are using a rotary phone, wait for assistance.

  Note: This is not the same "800" number that is used for requesting service or reporting problems.

- **IBMLink**

  Provide the order number of the collection you want and any other information requested. The collection will be charged to your IBM customer account.

- **Your IBM representative**

To obtain collections as a feature of a product, you can specify the appropriate feature codes when you place the order.

To obtain collections as part of the IBM Library Offering, specify 5636-PUB and the appropriate billing and media codes for the collection you want.

You can also contact your IBM representative at any time to purchase single collections or subscriptions or to obtain product features that you did not specify when you ordered the product.

In Other Countries

Contact your IBM representative.

Chapter 4. Setting Up or Updating the IBM Online Library on Your Workstation

This collection includes the BookManager Library Reader Installation Programs for Library Reader/2 and Library Reader/DOS. These installation programs let you set up your own IBM Online Library on your OS/2, Microsoft Windows, or DOS workstation.

The Installation Program for OS/2 and DOS

The installation program for OS/2 and DOS installs the appropriate library reader on your hard disk and updates your system configuration to point to the devices that contain the books and bookshelves in the IBM Online Library. If you have BookManager READ/2 or READ/DOS installed on your workstation, the installation program will update your configuration files to point BookManager to the devices that contain the books and bookshelves. You can also use the installation program later, when you want to do the following:

- Add or change the devices that you are using for books.
- Change your configuration files
- Upgrade your library reader with a newer version.

If you already have a library reader, you should still run the installation program on this CD-ROM. The installation program will determine if the library reader in this collection is newer than the one you already have.

Notes:

1. If you are using Microsoft Windows, you must exit Windows before you start the Library Reader Installation Program for DOS.
2. If you want to use both the OS/2 and the DOS versions of the library reader on your workstation, you must install both versions.

© Copyright IBM Corp. 1994

What Kind of Workstation Do You Need?

The IBM Online Library is designed to work with the following software and hardware. If your workstation meets these requirements, you can continue with the instructions for installing the library reader on your workstation.

Software and Hardware Requirements for OS/2

Required Software

- BookManager Library Reader/2 (included on IBM Online Library CD-ROMs) or BookManager READ/2 Release 2.0 or later
- IBM Operating System/2* (OS/2) Standard Edition (SE), Version 1.3 or higher, or IBM Operating System/2 (OS/2) Extended Edition (EE), Version 1.3 or higher

Required Hardware

- Any workstation that runs the required software
- An Enhanced Graphics Adapter (EGA), a Video Graphics Adapter (VGA), a PS/2 Display Adapter 8514/A, or the equivalent with a compatible display
- A minimum of 1.5MB of memory (in addition to the memory required by the edition of OS/2 you are using)
- A hard disk with at least 1.2MB available
- One or more CD-ROM drives or the equivalent, and the equipment needed to attach them to your workstation

Optional Hardware

- A mouse
- An OS/2-supported printer

If you workstation meets these requirements, you can continue with the instruction in "Installing the Library Readers, Adding Devices, or Updating BookManager on OS/2" on page 86.

Software and Hardware Requirements for DOS

Required Software

- BookManager Library Reader/DOS (included on IBM Online Library CD-ROMs) or BookManager READ/DOS Release 2.0 or later
- IBM DOS Release 3.3 or later
- Microsoft** MS-DOS CD-ROM extensions 2.0 or higher

Required Hardware

- An IBM PS/ValuePoint*, IBM PS/1*, IBM PS/2* 286 or higher, or an IBM Personal Computer AT* (excluding the AT/370), IBM Personal Computer XT* (excluding the XT/370), or IBM Personal Computer (excluding the pc/jr*) or equivalent
- Any DOS-compatible display
- A minimum of 320K bytes of memory (in addition to the memory required by the level of DOS you are using)
- A hard disk with at least 1.2MB available
- One or more DOS-supported CD-ROM drives and the equipment needed to attach them to your workstation

Optional Hardware

- A DOS-supported printer
- A Color Graphics Adapter (CGA) (for vector graphics only), an Enhanced Graphics Adapter (EGA) (for vector and raster graphics), a Video Graphics Adapter (VGA) (for vector and raster graphics), a PS/2 Display Adapter 8514/A (for vector and raster graphics), or the equivalent with a compatible display

If you workstation meets these requirements, you can continue with the instruction in "Installing the Library Readers, Adding Devices, or Updating BookManager on DOS" on page 93.

Installing the Library Readers, Adding Devices, or Updating BookManager on OS/2

Use the instructions in this section to install the library reader on your OS/2 workstation.

Installing BookManager Library Reader/2

You can use these instructions to install the BookManager Library Reader/2 for the first time, add or change the devices that you are using for books, or update BookManager READ/2 to locate the devices that contain books.

Note: If you want to install both the OS/2 and the DOS versions of the library reader on your workstation, first complete these instructions for OS/2, then go to "Installing the Library Readers, Adding Devices, or Updating BookManager on DOS" on page 93 and complete those instructions for DOS.

These instructions assume that you are using a CD-ROM from this collection.

To set up an IBM Online Library on your workstation under OS/2, do the following:

1. Remove any collection CD-ROM from its protective case.
2. Insert the CD-ROM in the CD-ROM drive.

   If you are not sure how to use your CD-ROM drive, refer to its instruction manual to learn how to insert CD-ROMs correctly.
3. Go to an OS/2 command prompt.
4. Switch to the drive letter of the CD-ROM drive that now contains the collection CD-ROM. For example, if this CD-ROM drive is `D`, type:

   ```
   d:
   ```

   If you have more than one CD-ROM drive, you can use any one of them.

5 Change to the directory on the CD-ROM that contains the library reader. Type:

```
cd \ez2inst
```

You are ready to start the Library Reader Installation Program and do one of the following:

- Install the library reader for the first time on your hard disk, and update your system configuration file to point to the bookshelves and books on the CD-ROM.
- Update your system configuration file to point to new devices that will contain bookshelves and books.
- Update your system configuration file to point to the bookshelves and books on the CD-ROM for a BookManager Library Reader or a BookManager READ that you already have installed.

6 Enter the library reader INSTALL command. Type:

```
install
```

Panel 1 appears on your screen.

7 After reading Panel 1, remove it by pressing PgDn.

8 On Panel 2, decide which selection applies to your workstation. To change the selection that appears at the top of the screen, type the number of your selection over it, and press PgDn to continue.

9 On Panel 3, do the following:

a. Type the drive letter of the CD-ROM drive that contains a CD-ROM from this collection.

If you have more than one CD-ROM drive, you should also type the drive letters for them. If you do not, you can only use the one you named, and you cannot use more than one CD-ROM at a time.

If you are adding new devices that you want to use for books, add their drive letters to the list.

Note: If you are installing the library reader for the first time on OS/2, you may want to plan ahead. You can include the drive letters for other drives that you intend to use for books from the IBM Online Library in the future. You can include other CD-ROM drives, your hard disks, or your diskette readers. If you want to customize the IBM Online Library, you should include the drive letters for your hard disks and diskette readers. All drives you have access to are listed at the top of the screen.

b. Make sure that the directory named is correct.

c. Make sure that the configuration file or profile named is correct.

d. When you are satisfied that this panel is correct, press F10 to install the BookManager Library Reader or to update your BookManager Library Reader or BookManager READ.

If you need help with the items on Panel 3, move the cursor to the item you want, and press F1 for more information.

10 When the installation program ends, the instructions on the screen tell you either to shut down and restart your system or to start your BookManager Library Reader or BookManager READ. Do one of the following:

- If this collection contains books enabled for the IBM Online Message Facility and you want to install it now, do not shut your system down. Continue with the instructions in "Installing the IBM Online Message Facility for OS/2" on page 89.
- If you do not need to install the IBM Online Message Facility and you were told you do not need to shut down your system, continue with the instructions in Chapter 5.
- If you do not need to install the IBM Online Message Facility and you were told to shut down and restart your system, continue with the instructions in "Shutting Down and Restarting Your OS/2 Workstation" on page 91.

Installing the IBM Online Message Facility for OS/2

To install the IBM Online Message Facility (OMF) on your OS/2 workstation, follow these instructions. If you are a LAN user, refer to the *IBM Online Message Facility: User's Guide,* SV40-0336, in the Online Message Facility bookshelf.

Note: If you already have OMF on your workstation and you are just adding a new collection to your IBM Online Library, you only need to copy the Message Parsing Template (MPT) files from these CD-ROMs onto your hard disk. Do only steps 1 through 5 on page 91 in Copying MPT Files to Your Hard Disk for OS/2.

1 Go to an OS/2 command prompt.

2 Switch to the drive letter of the CD-ROM drive that contains the Online Message Facility. For example, if your hard disk is `D`, type:

```
d:
```

3 Change to directory on the CD-ROM that contains the Online Message Facility. Type:

```
cd \omf
```

4 Start the Online Message Facility Installation Program. Type:

```
install
```

The `Install the Online Message Facility` window appears on your screen.

5 In the window, do the following:

a. Make sure that the target directory is correct.

The default is a directory named `\OMF` on your hard disk.

b. Make sure that the configuration file is correct.

c. If you do not want your configuration file updated, uncheck the `Update` box.

If you do not update your configuration file, a file with the necessary changes will be created for you.

6 Select the `Install` button.

The `OMF Installation` window appears on your screen.

7 In the window, make sure that the version of OMF is correct for the version of OS/2 that you are using.

The default checked should match your version of OS/2.

8 Select the `OK` button to install the Online Message Facility.

9 When the installation program ends, the instructions on the screen tell you if you need to shut down and restart your system. Do one of the following:

- If you are copying MPT files, do not shut your system down now. Continue with step 5 on page 91.
- If you are not copying MPT files, continue with the instructions in "Shutting Down and Restarting Your OS/2 Workstation" on page 91, to shutdown and restart your system now.

Copying MPT Files to Your Hard Disk for OS/2

To use the IBM Online Message Facility, you must copy MPT files from the CD-ROM in the collection you are using to your hard disk. To copy MPT files, follow these instructions:

These instructions assume that you are using the `\omf` directory created by the Online Message Facility Installation Program on your `C` hard disk.

1 If you already have MPT files on your hard disk, you may want to refer to the "Online Message Facility for OS/2" on page 60 for a list of the MPT files that are included in this collection. You can select the MPT files that you want to copy before you return here and continue with the next step.

If you have not installed OMF, go to "Installing the IBM Online Message Facility for OS/2" on page 89, and follow the instructions for installing OMF.

2 Make sure that you have the CD-ROM that contains the MPT files in your CD-ROM drive.

3 Switch to the drive letter of your hard disk that contains the directory created by the Online Message Facility Installation Program. For example, if that hard disk is `C`, type:

```
c:
```

4 Change to the OMF directory that contains OMF and any MPT files that you have copied previously. For example, if you are using the directory created by the Online Message Facility Installation Program, type:

```
cd \omf
```

5 Copy the MPT files from the CD-ROM to the `OMF` directory on your hard disk. Type:

```
copy d:\mpt\*.*
```

6 If you have just installed OMF and were instructed to shutdown and restart your system, continue with the instructions in "Shutting Down and Restarting Your OS/2 Workstation."

If you are just copying MPT files, you are done.

For more detailed information about OMF and how to install and use it, see *IBM Online Message Facility: User's Guide* in the Online Message Facility bookshelf.

Shutting Down and Restarting Your OS/2 Workstation

If you need to shut down and restart your system after you have installed either the IBM BookManager Library Reader/2 or the IBM Online Message Facility, do one of the following.

- **For OS/2 Version 1.3:**
  1. Go to your Desktop Manager window.
  2. On the action bar in the window, select `Desktop`.
  3. In the window that appears, select `Shutdown...`.
  4. In the `Shutdown` window that appears, select `Shutdown`.

5. When the shutdown is complete, restart your system by pressing Ctrl+Alt+Del.
6. When your system is running again, continue with the instructions in Chapter 5.

- **For OS/2 Version 2.0 and 2.1:**
  1. Click the right mouse button on your desktop (an unoccupied part of the screen).
  2. In the window that appears, select `Shutdown`.
  3. When the shutdown is complete, restart your system by pressing Ctrl+Alt+Del.
  4. When your system is running again, continue with the instructions in Chapter 5.

Installing the Library Readers, Adding Devices, or Updating BookManager on DOS

Use the instructions in this section to install the library reader on your DOS workstation.

Installing BookManager Library Reader/DOS

You can use these instructions to install the Library Reader/DOS for the first time, add or change the devices that you are using for books, or update BookManager READ/DOS to locate the devices that contain books.

Note: If you want to install both the OS/2 and the DOS versions of the library reader on your workstation, first go to "Installing the Library Readers, Adding Devices, or Updating BookManager on OS/2" on page 86 and complete those instructions for OS/2, then return here and complete these instructions for DOS.

These instructions assume that you are using a CD-ROM from this collection.

To set up an IBM Online Library on your workstation under DOS, do the following:

1. Remove any collection CD-ROM from its protective case.
2. Insert the CD-ROM in the CD-ROM drive.

   If you are not sure how to use your CD-ROM drive, refer to its instruction manual to learn how to insert CD-ROMs correctly.
3. Go to an DOS command prompt.
4. Switch to the drive letter of the CD-ROM drive that now contains the collection CD-ROM. For example, if this CD-ROM drive is `D`, type:

   ```
   d:
   ```

   If you have more than one CD-ROM drive, you can use any one of them.

5 Change to the directory on the CD-ROM that contains the library reader. Type:

```
cd \ez2inst
```

You are ready to start the Library Reader Installation Program and do one of the following:

- Install the library reader for the first time on your hard disk, and update your system configuration file to point to the bookshelves and books on the CD-ROM.
- Update your system configuration file to point to new devices that will contain bookshelves and books.
- Update your system configuration file to point to the bookshelves and books on the CD-ROM for a BookManager Library Reader or a BookManager READ that you already have installed.

6 Enter the library reader `INSTALL` command. Type:

```
install
```

Panel 1 appears on your screen.

7 After reading Panel 1, remove it by pressing PgDn.

8 On Panel 2, decide which selection applies to your workstation. To change the selection that appears at the top of the screen, type the number of your selection over it, and press PgDn to continue.

9 On Panel 3, do the following:

a. Type the drive letter of the CD-ROM drive that contains a CD-ROM from this collection.

If you have more than one CD-ROM drive, you should also type the drive letters for them. If you do not, you can only use the one you named, and you cannot use more than one CD-ROM at a time.

If you are adding new devices that you want to use for books, add their drive letters to the list.

Note: If you are installing the library reader for the first time on OS/2 or DOS, you may want to plan ahead. You can include the drive letters for other drives that you intend to use for books from the IBM Online Library in the future. You can include other CD-ROM drives, your hard disks, or your diskette readers. If you want to customize the IBM Online Library, you should include the drive letters for your hard disks and diskette readers. All drives you have access to are listed at the top of the screen.

b. Make sure that the directory named is correct.

c. Make sure that the configuration file or profile named is correct.

d. When you are satisfied that this panel is correct, press F10 to install the BookManager Library Reader or to update your BookManager Library Reader or BookManager READ.

If you need help with the items on Panel 3, move the cursor to the item you want, and press F1 for more information.

10 When the installation program ends, the instructions on the screen tell you either to shut down and restart your system or to start your BookManager Library Reader or BookManager READ. Do one of the following:

- If you do not need to shut down your system, continue with the instructions in Chapter 5.
- If you need to shut down and restart your system, continue with the instructions in "Shutting Down and Restarting Your DOS Workstation."

Shutting Down and Restarting Your DOS Workstation

If you need to shut down and restart your system after you have installed either the IBM BookManager Library Reader/DOS, do the following:

1 Press Ctrl+Alt+Del.

2 When your system is running again, continue with the instructions in Chapter 5.

Chapter 5. Opening and Listing the Contents of the IBM Online Library

When you are finished with the Library Reader Installation Program, you are ready to open the IBM Online Library and use your BookManager Library Reader or BookManager READ to find the information you want.

Opening the Library with BookManager Library Reader/2

1. Choose the CD-ROM you want.
2. Insert the CD-ROM into the drive.

   Note: Always be sure that you put an IBM Online Library CD-ROM in each CD-ROM drive before you start your BookManager Library Reader or BookManager READ to open the IBM Online Library.
3. Open the IBM Online Library.

   For OS/2 Version 1.3 or Version 2.0:

   To start BookManager Library Reader/2, go to an OS/2 command prompt and type:

   ```
   readibm /ds
   ```

   To start BookManager READ/2, go to an OS/2 command prompt and type:

   ```
   bookmgr /s
   ```

   For OS/2 Version 1.3 only: Go to your `Desktop Manager` window, and select `IBM Online Library`. The `Group - IBM Online Library` window appears. In that window select the library you want.

   For OS/2 Version 2.0 only:

© Copyright IBM Corp. 1994

Open the IBM Online Library folder, and select the library you want.

4 When your BookManager Library Reader or BookManager READ starts, it displays a WELCOME panel. Press ENTER to remove the WELCOME panel from the screen, and you will see a list of all the bookshelves that are available to you.

The list of IBM bookshelves may include:

- All the IBM bookshelves on all the CD-ROMs in all your CD-ROM drives
- All the IBM bookshelves on any other drives to which you have access
- All your personal bookshelves, if you have customized the IBM Online Library and created your own personal bookshelves on your hard disk

  Depending on how you customized your bookshelves, the list may only show your personal bookshelves. For information on customizing bookshelves, see Chapter 7.

  Note: You may want to sort this list by title if the list is very long. You can select View on the action bar. A pull-down window appears. Select Sort by ... or the type of sort you want. The Sort by ... choice will open a pop-up window in which you can select the sort by description or title.

5 Select a bookshelf.

The list of books in the bookshelf appears on the screen.

Note: You may want to sort this list by title if the list is very long. You can select View on the action bar. A pull-down window appears. Select Sort by ... or the type of sort you want. The Sort by ... choice will open a pop-up window in which you can select to sort by title.

6 Select the book you want to view or search.

For information on using the bookshelf list, a bookshelf, or a book, refer to Chapter 6.

Opening the Library with BookManager Library Reader/DOS

1. Choose the CD-ROM you want.
2. Insert the CD-ROM into the drive.

   Note: Always be sure that you put an IBM Online Library CD-ROM in each CD-ROM drive before you start your BookManager Library Reader or BookManager READ to open the IBM Online Library.

   If you named your diskette drive when you installed your IBM Online Library, you must also put a diskette in your diskette drive before you open the IBM Online Library.

3. Open the IBM Online Library.

   To start BookManager Library Reader/DOS, go to a DOS command prompt and type:

   ```
   readibm *.bks
   ```

   To start BookManager READ/DOS, go to a DOS command prompt and type:

   ```
   bookmgr *.bks
   ```

4. When your BookManager Library Reader or BookManager READ starts, it displays a `WELCOME` panel. Press ENTER to remove the `WELCOME` panel from the screen, and you will see a list of all the bookshelves that are available to you.

   The list of IBM bookshelves may include:

   - All the IBM bookshelves on all the CD-ROMs in all your CD-ROM drives
   - All the IBM bookshelves on any other drives to which you have access
   - All your personal bookshelves, if you have customized the IBM Online Library and created your own personal bookshelves on your hard disk

Depending on how you customized your bookshelves, the list may only show your personal bookshelves. For information on customizing bookshelves, see Chapter 7.

Note: You may want to sort this list by description if the list is very long. You can select `View` on the action bar. A pull-down window appears. Select `Sort by ...` or the type of sort you want. The `Sort by ...` choice will open a pop-up window in which you can select the sort by description or title.

5 Select a bookshelf.

The list of books in the bookshelf appears on the screen.

Note: You may want to sort this list by title if the list is very long. You can select `View` on the action bar. A pull-down window appears. Select `Sort by ...` or the type of sort you want. The `Sort by ...` choice will open a pop-up window in which you can select to sort by title.

6 Select the book you want to view or search.

For information on using the bookshelf list, a bookshelf, or a book, refer to Chapter 6.

Chapter 6. Learning to Use BookManager Library Readers or BookManager READ

After you open the IBM Online Library, the BookManager Library Readers or BookManager READ licensed programs show you a list of the bookshelves you have available.

From this list of bookshelves, you can:

- Sort the list of bookshelves by title or description.
- Locate a bookshelf that contains the books you want.
- Open a bookshelf and list all the books in it.
- Close the IBM Online Library.

If you list the books in a bookshelf, you can:

- Sort the list of books by title.
- Search all the books in a bookshelf for a word or phrase without opening them.
- Search a book for a word or phrase without opening it.
- Open a book.
- Close the list.

If you open a book, you can:

- Begin reading by turning pages.
- Select an entry in the table of contents and jump there.
- Search for a word or phrase.
- Look at pictures.
- Use cross-references to other places in the book.
- Go to the index; select an entry, and jump there.
- Print one or more topics.
- Use all the other BookManager Library Reader or BookManager READ capabilities.
- Close the book.

© Copyright IBM Corp. 1994

You can use the instructions in the following sections for the BookManager Library Readers and the BookManager READ licensed programs. They operate in the same way. These instructions should give you enough help so you can find and use any online book in the IBM Online Library.

Using the List of Bookshelves

Sorting the Bookshelf List

For OS/2 or DOS:

1. Select the `View` option on the action bar.
   A pull-down window appears.
2. Select `Sort by ...` or the type of sort you want.
   The `Sort by ...` choice will open a pop-up window.
3. Select to sort by title.

Locating a Bookshelf That Contains the Books You Want

For OS/2:

1. If the list of bookshelves does not fit on the screen, move the mouse pointer to the scroll bar on the right side of the list of bookshelves.
2. Click on the top or bottom arrows to scroll the list up or down.
   Or,
   Click and hold on the slider to move the list rapidly up and down.

For DOS:

1. Press F8 to go forward in the list.
2. Press F7 to go back toward the beginning of the list.

Opening a Bookshelf and Listing the Books in It

For OS/2:

1. Move the mouse pointer to the bookshelf you want.
2. Double-click on it.
   The list of books in the bookshelf will appear.

For DOS:

1. Tab the cursor to the bookshelf you want.
2. Press ENTER.
   The list of books in the bookshelf will appear.

Closing the IBM Online Library

For OS/2 or DOS:

Press F3.

Using the List of Books

Sorting the List of Books
For OS/2 or DOS:

1. Select the `View` option on the action bar.
   A pull-down window appears.
2. Select `Sort by ...` or the type of sort you want.
   The `Sort by ...` choice will open a pop-up window.
3. Select the sort by description or title.

Searching All the Books in a Bookshelf without Opening Them
For OS/2:

1. Press Ctrl-S, or
   Go to the action bar; select `Search`, and in the pull-down window that appears, select `Search bookshelf...`.
2. In the `Search Bookshelf` pop-up window, type the word or phrase you want to find, and select `Search`.
   You will see the list of the books again. The icons for the books that contain your word or phrase are marked with a little magnifying glass.

Hint

If no books contain your word or phrase, try using a synonym or another term for what you want.

3 Select a marked book from the list.

The book will open and you will see a pop-up window with a list of the topics that contain the word or phrase you typed. If the list is too long for the window, you can scroll the window up and down.

4 Select a topic and the book will turn to that topic. You can go from match to match and from topic to topic. To get the list of topics back, select `Search` from the action bar again, and select `Retrieve` in the `Search Window`.

5 When you want to look at another book, close the book you are looking at by pressing F3, and select another marked book from the list.

For DOS:

1 Press Ctrl-S, or

Go to the action bar; select `Search`, and in the pull-down window that appears, select `2. Set up search...`.

2 In the pop-up window, type the word or phrase you want to find, and press ENTER.

You will see a list of the books in the list that contain the word or phrase you typed.

Hint

If no books contain your word or phrase, try using a synonym or another term for what you want.

3 Select a book from the list.

The book will open and you will see a list of the topics in that book that contain the word or phrase you typed. If the list is too long for the window, you can scroll the window up and down with F7 and F8.

4 Tab to a topic and press ENTER.

The book will turn to that topic. You can go from match to match by pressing Ctrl+F4. To get the list of topics back, go to the action bar and select Search. In the Search Window, select List all topics with matches....

5 To get the list of books with matches back, close the book you are in, and the list will still be on your screen.

Searching a Book for a Word or Phrase without Opening It

For OS/2:

1 Select a book from the book list.

2 Press Ctrl-S, or

Go to the action bar; select Search, and in the pull-down window that appears, select Search bookshelf....

3 In the Search Bookshelf pop-up window, type the word or phrase you want to find, and select Search.

You will see the list of the books again. If the book you selected contains your word or phrase it will be the only book on the screen.

Hint

If the book does not contain your word or phrase, try using a synonym or another term for what you want.

4 Select the book.

The book will open and you will see a pop-up window with a list of the topics that contain the word or phrase you typed. If the list is too long for the window, you can scroll the window up and down.

5 Select a topic and the book will turn to that topic. You can go from match to match and from topic to topic. To get the list of topics back, select Search from the action bar again, and select Retrieve in the Search Window

6 When you are done looking at the book, close it by pressing F3.

7 To get the rest of the books back on the screen, go to the action bar and select View. In the pop-up window, select Refresh. The full list of books will reappear.

For DOS:

BookManager Library Reader/DOS or BookManager READ/DOS will only search an entire list of books.

Opening a Book

For OS/2:

1 Move the mouse pointer to the book you want.

2 Double-click on it.

The book will open to its table of contents.

For DOS:

1 Tab the cursor to the book you want.

2 Press ENTER.

The book will open to its table of contents.

Closing the List of Books

For OS/2 or DOS:

Press F3.

Using a Book

Reading a Book by Paging through It

For OS/2:

1. Use the scroll bar to move up and down in a topic.
2. Go to the next topic by selecting `Next topic`.
3. Go to a previous topic by selecting `Previous topic`.

For OS/2:

1. Use the scroll bar to move up and down in a topic.
2. Go to the next topic by selecting the next topic icon on the tool bar.
3. Go to a previous topic by selecting the previous topic icon.

For DOS:

1. Use F8 to page forward in the book.
2. Use F7 to page back in the book.

Using the Table of Contents

For OS/2:

1. If the table of contents is not already on your screen, go to the action bar and select `GoTo`.
2. In the pull-down window that appears, select `Table of Contents`.

You will see a pop-up window with the table of contents. If it is too long for the window, you can scroll the window up and down.

3 Select a topic and the book will turn to that topic.

For DOS:

1 If the table of contents is not already on your screen, go to the action bar and select `GoTo`.

2 In the pull-down window that appears, select `Table of Contents`.

The book will turn to the table of contents. If it is too long for the screen, you can scroll the window up and down with F7 and F8.

3 Tab to a topic and press ENTER.

The book will turn to that topic.

Searching In a Book for a Word or Phrase

For OS/2:

1 Press Ctrl-S, or

Go to the action bar above the book window and select `Search`. In the pull-down window that appears, select `Search book...`.

2 In the `Search Book` pop-up window, type the word or phrase you want to find and select `Search Book`.

You will see a pop-up window with a list of the topics that contain the word or phrase you typed. If the list is too long for the window, you can scroll the window up and down.

Hint

If the book does not contain your word or phrase, try using a synonym or another term for what you want.

3 Select a topic and the book will turn to that topic. You can go from match to match and from topic to topic. To get the list of topics back, select Search from the action bar again, and select Retrieve in the Search Window.

For DOS:

1 Press Ctrl-S, or

Go to the action bar; select Search, and in the pull-down window that appears, select Set up search....

2 In the Set up Search pop-up window, type the word or phrase you want to find and press ENTER.

You will see a pop-up window with a list of the topics that contain the word or phrase you typed. If the list is too long for the window, you can scroll the window up and down with F7 and F8.

Hint

If the book does not contain your word or phrase, try using a synonym or another term for what you want.

3 Tab to a topic, and press ENTER.

The book will turn to that topic. You can go from match to match by pressing F4. To get the list of topics back, select Search from the action bar again and select List all: topics with matches....in the Search Window.

Looking at Pictures

For OS/2:

1 When you see the identifier for a picture on your screen,

PICTURE *number*

There is a picture at that spot in the text.

2 Select the word PICTURE, and the picture will appear on your screen.

3 To remove it, press F3.

For DOS:

1 When you see the identifier for a picture on your screen,
PICTURE *number*
There is a picture at that spot in the text.

2 Tab to the word PICTURE and press ENTER.
The picture will appear on your screen.

3 To remove it, press F3.

Using Cross-References

For OS/2:

1 If there is a cross-reference to some other place in the book and it is highlighted, for example:
See Figure 5 in topic 2.2.4.
You can turn to that topic.

2 Select the cross-reference, and the book will turn to that topic.

3 To return to where you were, press Ctrl-R, or go to the action bar and select GoTo.

4 In the pull-down window that appears, select Previous link or Reference, and you will return to your previous location.

For DOS:

1. If there is a cross-reference to some other place in the book and it is highlighted, for example:

   See Figure 5 in topic 2.2.4.

   You can turn to that topic.

2. Tab to the cross-reference, and press ENTER.

   The book will turn that topic.

3. To return to where you were, press Ctrl-P, or go to the action bar and select `GoTo`.

4. In the pull-down window that appears, select `Previous reference point`, and you will return to your previous location.

Using the Index

For OS/2:

1. Go to the action bar, and select `GoTo`.

2. In the pull-down window that appears, select `Index`.

   You will see a pop-up window with the index. If it is too long for the window, you can scroll the window up and down.

3. Select an entry, and the book will turn to that topic.

For DOS:

1. Go to the action bar, and select `GoTo`.

2. In the pull-down window that appears, select `Index`.

The book will turn to the index. If it is too long for the screen, you can scroll the index up and down with F7 and F8.

3 Tab to an entry, and press ENTER.
The book will turn to that topic.

Printing Topics

For OS/2:

1 Make sure that the `Table of Contents` window is active.

2 In the `Table of Contents`, click on the topic that you want to print.
If you select a topic that is marked with a plus (+), all of its subtopics will be printed also.

3 Go to the action bar, and select `Services`.

4 In the pull-down window that appears, select `Print selected topic`.
The topic you selected will print on your local printer.

For DOS:

1 Go to the action bar, and select `serVices`.

2 In the pull-down window that appears, select `2. Print...`.

3 In the `Print` window, type the topic or topics you want to print.
The topic will print on your local printer.

Closing a Book
For OS/2 or DOS:

Press F3.

Using Other BookManager Library Reader and BookManager READ Capabilities

For complete instructions on using BookManager Library Reader/2 and BookManager READ/2, BookManager Library Reader/DOS and BookManager READ/DOS, or BookManager READ/6000, you can refer to one of the following:

- *IBM BookManager READ/2 and Library Reader/2: Displaying Online Books,* SB35-0801
- *IBM BookManager READ/DOS and Library Reader/DOS: Displaying Online Books,* SB35-0817
- *IBM BookManager READ/6000: Displaying Online Books,* SC22-0096

  This collection includes online versions of these books. You can find them in the IBM Online Library Reference Bookshelf.
- You can also learn about BookManager READ/DOS using the IBM BookManager READ/DOS Tutorial, which is included in this collection. Go to "Using the IBM BookManager READ/DOS Tutorial" on page 118 for instructions on starting the tutorial.

For instructions on using the BookManager READ/MVS or BookManager READ/VM licensed programs, you can refer to one of the following:

- *IBM BookManager READ/MVS: Displaying Online Books,* SC38-2034 (in the *IBM Online Library Omnibus Edition: MVS Collection,* SK2T-0710)
- *IBM BookManager READ/VM: Displaying Online Books,* SC23-0449 (in the *IBM Online Library Omnibus Edition: VM Collection,* SK2T-2067)

Using the IBM BookManager READ/DOS Tutorial

You can also learn about BookManager READ/DOS using the IBM BookManager READ/DOS Tutorial, which is included in this collection. The tutorial requires DOS Version 3.3 or later. To start the tutorial, do the following:

1. At the DOS prompt, change to the letter of your CD-ROM drive. For example, if it is `d`, type:

   ```
   d:
   ```

2. Change to the subdirectory that contains the tutorial. Type:

   ```
   cd \tutor
   ```

3. Start the tutorial. Type:

   ```
   tutor
   ```

Chapter 7. Customizing the IBM Online Library on Your Workstation

You can customize the collections of IBM books as follows:

- **Create a Personal Bookshelf**

  You can create a personal bookshelf that contains only the books you usually look at. Personal bookshelves can help you avoid looking at long lists of all the bookshelves and books that are included in the collections of IBM books every time you open the IBM Online Library. They can also help you limit your searches to just the books in your personal bookshelf; you do not need to look through search results for many books in which you have no interest.

- **Copy Books to Your Hard Drive**

  You can make efficient use of your CD-ROM drive by copying selected books or entire bookshelves from collections of IBM books onto your hard disk or onto diskettes. If you use the books on one CD-ROM most of the time, you can copy a limited number of books from other CD-ROMs that you also use to your hard disk or to diskettes. You can then insert the CD-ROM you use most of the time into your one CD-ROM drive and access the other books on your hard disk or on diskettes at the same time without swapping CD-ROMs. Copying books to your hard disk may also improve response time. If you copy books to your hard disk, you may also want to create a personal bookshelf for them.

Before you can customize the library, you must change your system configuration to point to the new location of the books and personal bookshelves. For instructions, go to "Configuring Your Workstation to Use Your Hard Disk" on page 120.

© Copyright IBM Corp. 1994

Configuring Your Workstation to Use Your Hard Disk

The examples that follow assume that you have only one CD-ROM drive and that you are copying IBM books into the \BOOKS directory and bookshelves into the \SHELVES directory on your hard disk or on a diskette. The examples also assume that the drive letter for your hard disk is C. If you want to use a different hard disk or directories, substitute your drive letter and directory names for those shown in the examples.

1. Select the hard disk or diskette drive on which you want to put the IBM books or bookshelves. Type:

   ```
   c:
   ```

2. Create a directory to hold the books you want to copy. Type:

   ```
   md \books
   ```

3. If you also want to copy a bookshelf, create a directory for it. Type:

   ```
   md \shelves
   ```

   If you included the C drive when you installed the library reader, your BookManager Library Reader or BookManager READ should already be able to find these directories. Continue with step 10 on page 122.

   If you intend to use directories other than \BOOKS and \SHELVES or if you did not include the C drive when you installed the library reader, you must continue with the next step.

4. Use your favorite text editor to edit the file called CONFIG.SYS (OS/2) or READIBM.PRO (DOS) that was created by the library reader installation program.

5. Find the statements in the file that look like this:

   For OS/2 (CONFIG.SYS):

   ```
   SET READIBM=.;...;D:\BOOKS;D:\SHELVES;...;
   ```

```
SET BOOKMGR=.;...;D:\BOOKS;D:\SHELVES;...;
```

For DOS (READIBM.PRO or BOOKMGR.PRO):

```
-BPATH=...;D:\BOOKS;D:\SHELVES;...;
```

6 Add the drive letter and directory name that you just created to the `SET READIBM=` and `SET BOOKMGR=` statements or to the `-BPATH=` statement. For example, if your directories are named `\BOOKS` and `\SHELVES`, change these statements as follows:

For OS/2 (CONFIG.SYS):

```
SET READIBM=.;...;D:\BOOKS;D:\SHELVES;...C:\BOOKS;C:\SHELVES;
SET BOOKMGR=.;...;D:\BOOKS;D:\SHELVES;...C:\BOOKS;C:\SHELVES;
```

For DOS (READIBM.PRO or BOOKMGR.PRO):

```
-BPATH=...;D:\BOOKS;D:\SHELVES;...C:\BOOKS;C:\SHELVES;
```

This change adds your personal bookshelf to the list of all bookshelves available to you when you open the IBM Online Library. If that is all you want, you can continue with step 9 on page 122.

If you want your personal bookshelf to be the only one listed when you open the IBM Online Library, continue with step 7.

Note: You can also include your diskette drive so you can use books that are distributed on diskettes. Just add `A:\BOOKS;A:\SHELVES;` to each statement.

7 Remove from these statements all the other `\SHELVES` directories that you do not want listed. For example, if your statement now looks like one of these:

```
SET READIBM=.;...;D:\BOOKS;D:\SHELVES;...;C:\BOOKS;C:\SHELVES;
SET BOOKMGR=.;...;D:\BOOKS;D:\SHELVES;...;C:\BOOKS;C:\SHELVES;
-BPATH=...;D:\BOOKS;D:\SHELVES;...;C:\BOOKS;C:\SHELVES;
```

8 After you remove the `\SHELVES` directories, it will look like one of these:

```
SET READIBM=.;...;D:\BOOKS;...;C:\BOOKS;C:\SHELVES;
SET BOOKMGR=.;...;D:\BOOKS;...;C:\BOOKS;C:\SHELVES;
-BPATH=...;D:\BOOKS;...;C:\BOOKS;C:\SHELVES;
```

If you have more than one drive, you must remove the `\SHELVES` directory for each drive.

9 Shut down and restart your system to make these changes take effect.

10 You are ready to create a personal bookshelf or copy books to your hard disk.

To create a personal bookshelf, continue with the instructions in "Creating a Personal Bookshelf."

To copy books to your hard disk, continue with the instructions in "Using Your Hard Disk to Supplement Your CD-ROM Drive" on page 128.

If you are not going to create a personal bookshelf or copy books, and you are ready to use the IBM Online Library again, continue with the instructions in Chapter 5.

Creating a Personal Bookshelf

There are two ways to create personal bookshelves for use on your workstation:

- On your MVS or VM host, if your host has BookManager READ/MVS or READ/VM or BookManager BUILD/MVS or BUILD/VM
- On your OS/2 or DOS workstation using BookManager Library Reader/2 or Library Reader/DOS or BookManager READ/2 or READ/DOS

It is more time-consuming to create bookshelves on your host, but the host versions of BookManager READ and BUILD allow you to create a search index for your bookshelf. A bookshelf search index speeds up the search of an entire bookshelf, especially if you included books from several CD-ROMs in your bookshelf. If you do not have access to the host BookManagers, you can create a bookshelf on your workstation, but you cannot create an index for it. If you include books from several CD-ROMs, your searches will take longer without an

index. If you can limit your personal bookshelf to the books from a single CD-ROM, you do not need to create an index. You can use the all-disc index that is already on the CD-ROM.

To create a personal bookshelf and index on your host, continue with the instructions in "Creating a Personal Bookshelf on Your Host."

To create a personal bookshelf on an OS/2 workstation without an index, continue with the instructions in "Creating a Personal Bookshelf on an OS/2 Workstation" on page 124.

To create a personal bookshelf on an DOS workstation without an index, continue with the instructions in "Creating a Personal Bookshelf on a DOS Workstation" on page 127.

Creating a Personal Bookshelf on Your Host

If you have BookManager READ/MVS or READ/VM, or BookManager BUILD/MVS or BUILD/VM on your host, you can create your personal bookshelf on your host.

1. Upload the books you want in your personal bookshelf to your host.

   You can use the IBM Softcopy Receiver Tool, the IBM Bookshelf Upload Programs, or the SEND facility to upload files from a CD-ROM to your host. For information on uploading books and bookshelves, see the *IBM Softcopy Receiver Tool User's Guide* or *IBM Online Library: Getting Started and Managing the Library*. Both of these booklets are included in this collection in the Online Library Reference Bookshelf.

2. Build a bookshelf and bookshelf search index on your host.

   Use the BookManager Index Utility. This utility creates the bookshelf and, at the same time, creates the bookshelf search index.

   See the BookManager READ/MVS or BUILD/MVS or READ/VM or BUILD/VM manuals for detailed instructions.

3. Download the bookshelf to your `\SHELVES` directory, and download the bookshelf search index to a `\BOOKS` directory on your hard disk.

If you did not already create these directories on your hard disk, you should create them before you download the bookshelf and bookshelf search index.

If you are using other directories on your hard disk, download the bookshelf and bookshelf search index to your directories instead of the \SHELVES and \BOOKS directories.

If the directories you put the bookshelf and bookshelf search index in are not in your configuration file or profile, you need only follow step 4 on page 120 through step 9 on page 122 to modify your configuration file or profile to include your directories.

After you have made these changes you can open the IBM Online Library, and your personal bookshelf should be listed.

For information to help you estimate the amount of host DASD you need, see "Estimating Host DASD Storage Requirements" on page 133.

Creating a Personal Bookshelf on an OS/2 Workstation

You can create a personal bookshelf by copying a bookshelf from a CD-ROM in an IBM collection that contains many of the books you want to have in your personal bookshelf. After you have copied the bookshelf you can delete any of the books you do not want.

Note: If you can limit your personal bookshelf to either:

- The books on the single CD-ROM in a collection that contains only one CD-ROM or
- The books on only the CD-ROMs in a collection that contains more than one CD-ROM,

You do not need to create a search index. You can use the an all-disc or all-collection search index that is included in each collection

Later you can add other books from CD-ROMs in other collections, but these other books will **not** be included in the search index.

The instructions that follow assume that you want to put your personal bookshelf into a C:\SHELVES directory that is already listed in a SET READIBM= or SET BOOKMGR= statement in your CONFIG.SYS file.

1. Open the Online Library.

   For OS/2 Version 1.3: Do one of the following:

   - To use the Group - IBM Online Library, which the installation program created, go to the Desktop Manager window and select IBM Online Library. The Group - IBM Online Library window appears. In that window, select the library you want.
   - Go to an OS/2 command prompt and type:

     ```
     readibm /ds
     ```

   For OS/2 Version 2.0: Do one of the following:

   - To use the IBM Online Library folder, which the installation program created, open the IBM Online Library folder and select the library you want.
   - Go to an OS/2 command prompt and type:

     ```
     readibm /ds
     ```

   The list of bookshelves appears.

2. Select the bookshelf that you want to use as the basis for your personal bookshelf.

3. Go to the action bar, and select Group.

4. In the pull-down window that appears, select Copy bookshelf....

5. In the Copy Bookshelf window, type the file name for the new bookshelf, a title (if you want one), and the path to the directory.

6. Click on the Copy pushbutton.

   Your new bookshelf is created, and it appears in the list of bookshelves.

7 To delete the books you do not want from this bookshelf, select your new bookshelf and display its contents.

8 Select the books you want to delete from this list.

If you only want to delete one book from the list, just move the mouse pointer to the book you want and click on it.

If you want more than one book, select them from the list in groups of one or more books by doing the following:

a. Move the mouse pointer to the first book you want to delete.

b. While pressing the Ctrl key, hold down the mouse button, and move the mouse pointer down the list one book after another. Each book the mouse pointer moves over is selected. If you only want to select one book in a group, do not move the mouse pointer.

c. On the last book in the group, release the mouse button, and release the Ctrl key.

d. Go down the list and repeat these steps for the next group of books you want.

9 After you have selected the books you want to delete, go to the `Group` choice on the action bar.

10 In the pull-down window that appears, select `Remove from bookshelf...`.

11 Confirm that you want to remove the books you selected and they will disappear from the list of books in your bookshelf.

12 You can continue to use the IBM Online Library if it is already open. You will not see your personal bookshelf unless you use the `Refresh` option of `View` action or close the IBM Online Library and reopen it again.

When you open the IBM Online Library, your personal bookshelf will appear in the list of bookshelves, or it will be the only bookshelf listed.

If you are using the bookshelf search index that is on the CD-ROM instead of your own index, just be sure to have the correct CD-ROM in the drive.

Creating a Personal Bookshelf on a DOS Workstation

The examples that follow assume that you want to put your personal bookshelf into a `C:\SHELVES` directory that is already listed in the `-BPATH=` statement in READIBM.PRO or BOOKMGR.PRO profiles. If you want to use a different directory, substitute your name for the one shown in the examples and make sure that you have followed the instructions in "Configuring Your Workstation to Use Your Hard Disk" on page 120 before you open the IBM Online Library again.

1. Open the IBM Online Library. Type:

   ```
   readibm *.bks
   ```

2. Display the contents of a bookshelf that contains the books you want in your personal bookshelf.

3. Select the books you want from this list with the Space Bar.

4. Select the `Group` choice on the action bar in the library reader.

5. In the pull-down window that appears, select `Put selected books in a bookshelf...`.

6. In the `Put Selected Books in a Bookshelf` window, type the path to the directory and the name of your personal bookshelf. For example, if you are using a bookshelf named `MYSHELF`, you would type:

   ```
   c:\shelves\myshelf
   ```

   If this is a new personal bookshelf, you will be asked to supply a description for it.

   If it is an existing personal bookshelf, you will be asked if you want to add the new books or replace the old books.

Note: You can also use the `Group` choice to copy a complete bookshelf into a new bookshelf and delete any books you do not want.

You can include books from the bookshelves in any collection of IBM books. The books you include in your personal bookshelf can also be on your hard disk. Books that you add that are not in the bookshelf you used when you created your bookshelf will not be in the bookshelf search index.

7 You can continue to use the IBM Online Library if it is already open. You will not see your personal bookshelf unless you use the `Refresh` option of `View` action or close the IBM Online Library and reopen it again.

When you open the IBM Online Library, your personal bookshelf will appear in the list of bookshelves, or it will be the only bookshelf listed.

If you are using the bookshelf search index that is on the CD-ROM instead of your own index, just be sure to have the correct CD-ROM in the drive.

Using Your Hard Disk to Supplement Your CD-ROM Drive

You can use your hard disk to supplement your CD-ROM drive. The hard disk can be on your workstation or on a LAN server.

You can copy books to a hard disk from a CD-ROM in two ways:

- With the IBM Softcopy Receiver Tool that is included on every CD-ROM in the IBM Online Library
- With the OS/2 or DOS COPY command.

The SCRT is easier to use than the COPY command, because it lets you select the books you want from a list of the books on the CD-ROM. It also lets you copy entire bookshelves at one time. This saves you the time and effort of copying each book individually, and eliminates typing errors.

The examples that follow assume that you want to copy books into a C:\BOOKS directory that is already listed in the SET READIBM= or SET BOOKMGR= statement in your CONFIG.SYS file or in the -BPATH= statement in the READIBM.PRO or BOOKMGR.PRO profiles. If you want to use a different directory, substitute your name for the one shown in the examples, and make sure that you have followed the instructions in "Configuring Your Workstation to Use Your Hard Disk" on page 120 before you open the IBM Online Library again.

Receiving Books and Bookshelves Using the SCRT

You can use the IBM Softcopy Receiver Tool (SCRT) Version 1.2 (program number 5648-032) to select and receive online books and bookshelves from IBM CD-ROMs onto the hard disk in your OS/2 or DOS workstation or to DASD on your MVS or VM host.

For MVS and VM Hosts:

To receive books and bookshelves at your host using the SCRT, you must install it there first and use it with Optical Media Attach/2 on a channel-attached PS/2 workstation. For installation instructions, refer to the READSCRT.TXT file in the \SCRT directory on the CD-ROMs in this collection. For information on using the SCRT from your host, refer to the *IBM Softcopy Receiver Tool: User's Guide,* GC23-3663. An online version of this book is included in the IBM Online Library Reference Bookshelf.

For OS/2 or DOS Workstations:

To use the SCRT to receive bookshelves and books onto your hard disk in your OS/2 or DOS workstation, use the following instructions:

1. Insert the CD-ROM from which you want to receive books into your CD-ROM drive.
2. Change to the drive letter that contains the CD-ROM. For example, if the drive letter is D, type:

   ```
   d:
   ```

3. Change to the directory that contains the SCRT.

```
cd \scrt
```

4 Start the SCRT.

For OS/2: Type:

```
ebrscrt2
```

Note: Do not run the SCRT in more than one session at the same time on an OS/2 workstation.

For DOS: Type:

```
ebrscrt
```

The `Setup Options` window appears on your screen.

5 Follow the instructions in the `Setup Options` window and in the windows that follow it.

If you need help, press F1.

6 After the SCRT receives the books you chose and you exit the SCRT, you can replace the CD-ROM in the drive with any other you want to use.

7 Open the IBM Online Library.

Any bookshelves you received will appear in the list of bookshelves together with the bookshelves on the CD-ROM in the CD-ROM drive.

If you received books without their bookshelves, you can do one of the following:

- Add the books you received to a personal bookshelf
- Create a personal bookshelf for them
- Go to an OS/2 or DOS prompt and type the following to open the IBM Online Library and ask to see one of the books you received:

  For BookManager Library Reader:

  `readibm` *`book-name`*`.boo`

  For BookManager READ:

```
bookmgr book-name.boo
```

- Go to an OS/2 or DOS prompt and type the following to open the IBM Online Library and see all books and bookshelves at the same time: **Warning:** If you have access to a large number of books, opening the IBM Online Library and asking to see all the books and bookshelves will take a long time. We recommend that you consider one of the other choices above before you attempt this.

  For BookManager Library Reader:

  ```
  readibm
  ```

  For BookManager READ:

  ```
  bookmgr
  ```

For more complete information on using the SCRT, refer to the *IBM Softcopy Receiver Tool: User's Guide,* GC23-3663. An online version of this book (filename ERB00102) is included on this CD-ROM in the Online Library Reference Bookshelf.

Copying Books and Bookshelves with the COPY Command

1. Insert the CD-ROM from which you want to copy into your CD-ROM drive.
2. Copy the books and bookshelves you want from the CD-ROM to your hard disk or diskette. Type one of the following commands for each book, bookshelf search index, and bookshelf that you want to copy.

   To Copy to Your Hard Disk:

   ```
   copy d:\books\book-name.boo c:\books
   copy d:\books\index-name.bki c:\books
   copy d:\shelves\shelf-name.bks c:\shelves
   ```

   To Copy to a Diskette:

   ```
   copy d:\books\book-name.boo a:\books
   ```

```
copy d:\books\index-name.bki a:\books
copy d:\shelves\shelf-name.bks a:\shelves
```

Where *book-name* is the name of a file containing a book, *index-name* is the name of a file containing a bookshelf search index, and *shelf-name* is the name of a file containing a bookshelf.

3. Replace the CD-ROM you copied from with the one you usually use.

4. Use the `Refresh` option of the `View` action or close the IBM Online Library and reopen it again.

When you open the IBM Online Library, the books you copied will appear in the list of bookshelves. You can add these books to a personal bookshelf.

Chapter 8. Sharing, Uploading, and Managing the IBM Online Library on a Host or LAN

If you are:

- Sharing the IBM Online Library with other users, and you need to know how to distribute the library readers and books to other workstations
- Uploading and managing your IBM Online Library on an MVS or VM host
- Copying and managing the IBM Online Library to the hard disk of a LAN server

See the booklet *IBM Online Library: Getting Started and Managing the Library.* This collection includes an online version of this booklet. You can find it in the IBM Online Library Reference bookshelf.

Estimating Host DASD Storage Requirements

If you are uploading files to a host, you might want information about capacities on direct access storage devices (DASD). Using the table and formulas below, you can determine the approximate number of tracks or cylinders you will need.

Device	MB per Track	MB per Cylinder
3380	.040	.600
3390	.048	.720
9340	.040	.600

Formulas:

1. MB to upload = MB of books + MB of bookshelves + MB of bookshelf search indexes

© Copyright IBM Corp. 1994

2. Approximate tracks = MB to upload ÷ MB per track

   Or

   Approximate cylinders = MB to upload ÷ MB per cylinder

Estimating Hard Disk Space Requirements

If you are copying books to a hard disk, refer to the sizes of books, bookshelves, and bookshelf search indexes listed in the "Disc Size Summary" below and in the individual bookshelf descriptions in the Chapter 2.

Disc Size Summary

Title	MB
All-collection bookshelf	0.02
All-collection bookshelf search index	20.00
Individual bookshelves on the disc	0.03
Individual bookshelf search indexes on the disc	20.06
All books on the disc	212.97
Total size of collection	**253.08**

Do You Have Questions, Problems, or Suggestions?

For problems installing or using the library, or accessing books:

- **In the U.S.A.,** call the IBM Support Center, 1+800+237-5511. Tell them your customer number (access code), and tell them that the product identifier is "Softcopy Publications" or ask for the SCKIT service queue.
- **In other countries,** contact IBM through your usual service channel.

For problems, questions, or suggestions about any of the books, contact IBM:

- **Mail** the Reader's Comment and Survey form attached to the back cover of this booklet or that you can print from an online book, or address comments to:
  IBM Corporation
  Department 30ZA, Mail Station 911
  1 Enterprise Drive
  Kingston, NY 12401-1099
  U.S.A.
- **FAX** comments to:
  In the U.S. and Canada: 1+914+385-0662
  In other countries.: IAC+1+914+385-0662
- **Send** comments electronically to:
  Internet: KGNRCF@vnet.ibm.com
  IBM Mail Exchange: USIB27BQ at IBMMAIL

If you do not use a Reader's Comment Form, please mention the order number of this collection (SK2T-2177-01) or the book you are using in your comments. If you would like a reply, include your name and address, your company's name, and your phone or FAX number.

IBM may use or distribute whatever information you supply in any way it believes appropriate without incurring any obligation to you.

© Copyright IBM Corp. 1994

Printed in U.S.A.

Contents of This CD-ROM

This CD-ROM contains the International Technical Support Organization and the Washington System Center System/390 publications in online book (softcopy) form. Use the IBM BookManager Library Reader/2 or Library Reader/DOS (included on this CD-ROM) or the IBM BookManager READ licensed programs for workstations and host systems to view and search these books.

Before You Use This CD-ROM

This CD-ROM contains licensed materials. Files with an extension of .AGR on this CD-ROM include the license agreement for these licensed materials and the terms and conditions for using and copying the books and programs on this CD-ROM. By using or copying the books and programs you agree to the terms and conditions and the license agreement. If you do not agree, return this CD-ROM to IBM.

Volume Serial: UAA365

SK2T-2177-01